October 5, 2007

RECEIVED HOA/RH

Luis Lodrigueza

ORANGE COUNTY HEALTH CARE AGENCY

Environmental Health Division

1241 East Dyer Road, Suite 120 Santa Ana, CA 92705-5611

Elizabet.



a California corporation

SITE:

FULLERTON BUSINESS PARK NORTH

(FORMER OCHCA #94IC29)

1551 EAST ORANGETHORPE AVENUE

FULLERTON, CALIFORNIA

SUBJECT:

WORKPLAN FOR ADDITIONAL SOIL VAPOR ASSESSMENT,

VAPOR WELL INSTALLATIONS AND COMMENCEMENT OF

SOIL VAPOR EXTRACTION

Dear Mr. Lodrigueza,

This workplan details an additional shallow soil vapor assessment inside the subject site warehouse and along the property line adjacent to offsite warehouses, as well as the installation of 16 vapor wells. The additional soil vapor assessment was directed by Orange County Health Care Agency (OCHCA) in a letter dated August 24, 2007 (copy attached). The purpose of the additional assessment is to:

- Determine the "extent of the soil vapor plume within the warehouse",
- Evaluate the potential for vapor intrusion into warehouses within 100 feet laterally from the probable outer limit of the plume,
- Provide an assessment database for the eventual development of a remedial action plan (RAP).

Based on the year to date soil vapor assessment work, The Reynolds Group (TRG) proposes to advance 12 shallow soil vapor probes and install 16 multi-depth vapor wells at the Site. The purpose of installing the vapor wells is to commence vapor extraction beneath the slab to reduce the risk of vapor intrusion. This workplan may be modified as field and site vicinity information dictate. TRG will notify OCHCA in advance of any changes.

During this phase of assessment, TRG will collect soil vapor samples and immediately analyze them. onsite for volatile organic compounds (VOCs). Upon completion of the soil vapor survey, TRG will summarize the data in a brief letter report and submit the report to OCHCA for review. TRG plans to install the multi-depth vapor extraction wells at those locations known to have elevated concentrations of chlorinated solvents based on previous assessment work. Pending review of adjacent sites and their impact on this case, TRG intends to immediately install a vapor extraction system using a mobile treatment system. A vapor extraction system startup report followed by quarterly remediation status reports will be submitted to OCHCA.

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BACKGROUND

In March 2007, TRG advanced 17 soil vapor probes and performed an environmental screening on behalf of our Client prior to purchasing the subject property. Tetrachloroethelene (PCE) and trichloroethylene (TCE) were detected at maximum soil vapor concentrations of 222.2 and 115.2 micrograms per liter (ug/L), respectively, at five feet below ground surface (fl bgs). The fieldwork and results were detailed in TRG's "Results of Soil Vapor Investigation" report, dated March 19, 2007.

On July 24, 2007, TRG submitted an OCHCA "Request for Remedial Action Supervision" on behalf of our Client for review of the results, for providing proper oversight, and for eventual regulatory closure. TRG met with Luis Lodrigueza of OCHCA on July 24, 2007, to discuss the case and was directed to further assess the soil vapors immediately beneath the concrete slab.

On July 30, 2007, five additional soil vapor points were sampled and a maximum concentration of 1,079.4 ug/L of PCE and 710.8 ug/L of TCE were detected. TRG submitted a report of the work entitled "Summary of Shallow Soil Vapor Survey and Interior Ceiling Heights" dated August 9, 2007, for OCHCA to run the human health risk models.

OCHCA determined that cancer risk at the Site ranges from 5.9E-0.5 to 7.9E-04. These values are orders of magnitude higher than the allowable risk of one in a million (1.0E-0.6). Based on the July 2007 vapor assessment, OCHCA requested further lateral assessment in the warehouse to find the perimeter of chlorinated solvents and provide a basis for remediation action. OCHCA stated in an email on August 27, 2007, that the Department of Toxic Substances Control (DTSC) residential and commercial human health screening level for PCE are 180 micrograms per cubic meter (ug/m³) for residential and 528 ug/m³ for commercial. Human health screening levels for TCE are 603 ug/m³ for residential and 1,170 ug/m³ for commercial. Note, 180 ug/m³ PCE is equal to 0.18 ug/L.

SCOPE OF WORK FOR SOIL VAPOR SURVEY

The soil vapor survey will follow the February 7, 2005, updated DTSC "Interim Final - Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air" (the "DTSC Guidance").

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TRG proposes to advance 12 shallow soil vapor probes, sample those probes at 5 and 15 ft bgs, and install 16 multi-depth vapor wells. Locations of the proposed soil vapor probes and vapor wells are shown in the attached Figure 2 – Site Plot Plan with Proposed Soil Vapor Probe and Vapor Well Locations. Temporary shallow soil vapor probes will be installed at 5 and 15 ft bgs to enable repeat sampling. Sixteen (16) multi-depth vapor wells will be installed according to the DTSC's vapor well design (see Figure 3 – Temporary Probe and Multi-depth Vapor Extraction Well Details).

Specifically, the Scope of Work will include the following:

- File applicable permits as necessary to advance the soil vapor probes and notify your office a minimum of 72 hours prior to commencement of work.
- Call Dig Alert to obtain utility clearance.
- Follow the Health and Safety Plan that is attached to this workplan.
- Advance 12 soil vapor probes at approximately 5 and 15 ft bgs using a hydraulic probe rig.
- 5. At each probe location, install a ¼-inch outer diameter (OD) Nylaflow tubing with a 1.5 inch long air stone filter at 5 and 15 ft bgs. The temporary vapor probes will be finished according to the details shown in Figure 3 Temporary Probe and Multidepth Vapor Extraction Well Detail.
- 6. Advance 12 soil borings to 25 ft bgs and four deep soil borings to 60 ft bgs using a limited access, hollow stem auger drill rig. Install multi-depth, 2-inch diameter, schedule 40 PVC vapor wells at each location with screened intervals from 2 to 5, 12 to 15, and 22 to 25, and in the two deep wells 45 to 60 ft bgs. The proposed vapor well details are shown on the attached Figure 3 Temporary Probe and Multi-depth Vapor Extraction Well Detail.
- Collect soil vapor samples in clean summa canisters at 5 and 15 ft bgs from each temporary shallow soil vapor probe location and all screened zones in the vapor well locations.
- 8. Immediately following sample collection, analyze vapor samples by a state-certified laboratory by EPA Method 8260 full scan for VOCs. Ten percent (10%) of the soil vapor samples will be also analyzed by EPA Method TO-15 to screen for other chemicals of potential concern, such as vinyl chloride, naphthalene and benzene.
- Collect one five foot and one 10 foot soil sample for physical properties to be used in soil vapor intrusion models. No soil samples will be analyzed for VOCs.
- Dispose of field generated wastes.

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- Commence soil vapor extraction from the newly installed vapor wells using a trailer mounted 20 horsepower, 500 cubic feet per minute, positive displacement blower, connected in series to two 1,000 pound carbon vessels.
- Prepare a report signed by a California Registered Civil Engineer detailing field activities and results.

Rationale for Shallow Soil Vapor Probe and Vapor Well Locations

Twelve (12) soil vapor probe locations are proposed inside the site warehouse to determine the lateral extent of the soil vapor plume under the warehouse concrete slab. Eight sample points are proposed outside the warehouse where the soil vapor plume is known to extend to within 100 feet of an adjacent offsite warehouse.

The soil vapor probes and soil vapor extraction wells will be placed in the vicinity of the highest soil vapor concentrations from the most recent round of assessment in July 2007. Previous consultants found the subsurface geology allowed "relatively high permeability, yielding high extraction flow rates with a large effective radius of influence greater than 20 ft from the extraction location." (see Appendix A – Soil Remediation System Progress Report, Converse Consultants dated October 25, 1995). Soil borings advanced in the initial site assessment encountered a silty clay layer acting as a partial barrier at approximately 30 ft bgs. A clay and silty clay layer is known to exist from 60 to 80 ft bgs. The vapor extraction wells will be advanced at locations and to the depths and screen intervals shown on the attached Figure 2. Site Plot Plan with Proposed Soil Vapor Probe and Vapor Extraction Well Locations and Figure 3. Temporary Probe and Multi-depth Vapor Extraction Well Detail.

Temporary Soil Vapor Probes

Prior to advancing any probes at the site, TRG will contact underground service alert and consult with the Site owner to identify any underground conduits or hazards. TRG will also obtain all applicable permits necessary to complete the work.

The temporary soil vapor probes will be advanced to 15 ft bgs in order to adequately assess soil vapor conditions at the Site while minimizing above grade ambient air influences. Two samples will be collected from each probe location, one at 5 ft bgs and one at 15 ft bgs. Based on historical information, soil at and around the Site generally consists of silty sand to 30 ft bgs, changing to silty clays at deeper depths. According to Converse Consultants in their *Corrective Action Plan* dated July 26, 1995, depth to water is located at approximately 114 ft bgs.

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The temporary vapor probe points will be advanced using a hydraulic push probe rig or hand-held hammer drill with a disposable drive tip. Once the temporary vapor probes reach the appropriate depth, a ¼-inch smaller Nylaflow sample tube will be advanced inside the drive rod to the appropriate depths. The end of the Nylaflow tubing has a 1.5 inch long air stone filter which allows soil vapor to enter the tubing while limiting the possibility of water or soil intrusion. The top of the Nylaflow tube has a plastic valve to prevent ambient air intrusion. The Nylaflow tubing and valves will be sealed at the surface with a j-plug cap and locking 8-inch diameter steel, locking well lid. If circumstances require further assessment at the same location, this will allow for re-sampling (see Figure 3 – Multi-depth Vapor Probe Construction Diagram for the proposed tip design and temporary vapor probe construction).

After temporary vapor probe placement, a period of at least 20 minutes will be allowed to pass before sample collection. This equilibration time will allow subsurface conditions to equilibrate prior to purge volume testing, leak testing, and soil vapor sampling. Each sample location will then be purged three to five well volumes at a constant low flow rate measuring between 100 to 200 milliliters per minute (ml/min). This flow rate range is listed in the *DTSC Guidance* to limit stripping (ie. enhanced compound partitioning from impacted soil or groundwater) and to prevent ambient air intrusion and increase the likelihood of representative samples. Soil vapor samples will be collected in summa canisters and analyzed in a fixed lab.

Vapor Well Installations

Sixteen (16) multi-depth vapor wells will be installed using a limited access hollow stem auger drill rig. The vapor wells with be screened from 2 to 5, 12 to 15, and 22 to 25 feet, and in the deep wells 45 to 60 ft bgs. The wells are proposed in the soil vapor locations with the historically highest PCE concentrations. Two additional passive monitoring wells will be installed along the northern property line to check for migrations from offsite (see Figure 2 - Plot Plan with Proposed Soil Vapor Probe and Soil Vapor Well Locations). Each well will be constructed with a 2-inch diameter schedule 40 PVC pipe. Well construction details are shown in the attached Figure 3 - Temporary Probe and Multi-depth Vapor Extraction Well Detail. The vapor extraction wells will be finished at the surface with a steel, traffic-grade, locking lid.

Vapor sample labeling will correspond to the following sequence: VEW1-20' will indicate the vapor sample from vapor well VEW1 at a depth of approximately 20 ft bgs. As the summa canister samples are collected, each sample identification, date, and sample time will be recorded. At the end of the fieldwork, all the samples will be delivered to a state-certified laboratory under strict chain-of-custody protocol.

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A flame ionization detector (FID) will be used as a field-screening tool to determine the relative presence of petroleum hydrocarbons in the soils. Field screenings and soil lithology will be recorded. A record of drilling activities and a lithologic (boring) log of each boring will be prepared. Since we are sampling soil vapors and since vapor intrusion is the primary concern and there are poor correlations between soil matrix data and soil vapor data, no soil samples will be analyzed for VOCs. One five-foot and one 10-foot soil sample will be analyzed for soil physical properties to be used in soil vapor intrusion models.

Between sample locations within the boring, the split spoon sampler and augers will be cleaned with an Alconox water solution followed by a potable and clean water rinse cycle (triple rinse.)

Remediation by Soil Vapor Extraction

Following vapor well installation, TRG plans to attach above ground, lateral 2-inch diameter piping to the vapor wells and commence soil vapor extraction. The subsurface soil vapors will be extracted using a trailer mounted 20 horsepower, 500 cubic feet per minute, positive displacement blower, connected in series to two 1,000 pound carbon vessels. Passive wells PW1 and PW2 are proposed along the northern property line to monitor for migration of chlorinated soil vapors from offsite. The soil vapor extraction system will be monitored once during the first week of operation and weekly thereafter. Soil vapor samples will be collected weekly in tedlar bags from the inlet and outlet to the carbon canisters and monthly from the vapor wells open to the system as required by the SCAQMD permit. The inlet may be monitored more frequently depending on the inlet concentrations.

TRG will prepare a remediation system startup report, including vapor radius of influence data, and subsequent quarterly system operation reports.

TRG plans to operate the soil vapor extraction system until vapor concentrations have declined to either non-detect or asymptotic levels for VOCs. After remediation is deemed complete, we will perform a confirmation soil vapor assessment beneath the concrete slab and submit the results to the OCHCA for human health risk assessment.

Purge Volume Testing

One (1) purge volume test will be completed for this sampling event to quantify the necessary purge volume and assure representative subsurface samples. One purge volume is defined as the total volume of dead air space which is the summation of the sample volume, internal sampling equipment volume, and annular space around the probe tip. The purge volume test will be conducted

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at the first sample point (sample SV-24) and will consist of measuring the minimum purge volume necessary to collect the maximum concentrations. The purge volumes will be stepped according to the following volumes as indicated in the Advisory: one (1), three (3), and seven (7) purge volumes. If no volatile concentrations are detected in the purge test, a default of three (3) purge volumes will be extracted prior to sampling.

Leak Testing

Leak testing will be conducted at every soil vapor probe location. A tracer compound such as 1,1-difluoroethane will be released at the ambient ground surface and analyzed for in the soil vapor sample. A detection of the tracer compound in the subsurface soil vapor sample will indicate that ambient air intrusion occurred.

Sample Collection

Soil vapor samples will be collected at a constant low flow rate measuring between 100 to 200 milliliters per minute (ml/min) as shown by an in-line vacuum gauge. This flow rate range is listed in the DTSC Guidance to limit stripping (ic. enhanced compound partitioning from impacted soil or groundwater), and to prevent ambient air intrusion and increase the likelihood of representative samples. A vacuum reading will be recorded on field data sheets for each sample. It is anticipated that up to three (3) purge volumes will be extracted prior to sampling. Soil vapor samples will be collected in clean summa canisters. Once collected, the soil vapor samples will be immediately analyzed at a fixed laboratory. One (1) method blank will be collected for this soil vapor survey. One (1) duplicate sample will be collected immediately after the original sample from the sample location with the highest anticipated PCE concentrations.

Disposable Equipment and Decontamination Procedures

Non-reusable nylon sample tubing will be discarded between sample locations. After each use, drive rods and other re-usable components will be properly decontaminated by a 3-stage wash and rinse process including a non-phosphate detergent such as Liquinox and a final distilled water rinse. Clean, dry tubing will be used for sampling at all times.

Laboratory Analyses.

Chain-of custody procedures will be followed in transporting samples to the onsite and offsite laboratory. Chemical and Environmental Laboratories of Santa Fe Springs, California will analyze the soil vapor samples. Chemical and Environmental Laboratories is a state-certified laboratory.

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Soil vapor samples will be analyzed by EPA Method 8260B full scan for VOCs, since these are the historical compounds of concern. A detection limit of "0.1 ug/L" as vapor for carcinogenic compounds (PCE & TCE) and "1.0 ug/L" as vapor for non-carcinogenic compounds will be requested as specified in the DTSC Guidance. Ten percent (10%) of the soil vapor samples will be additionally analyzed by EPA Method TO-15 to screen the samples for other chemical of potential concern, such as vinyl chloride, naphthalene and benzene. A total of two soil samples from the 5 foot bgs zone will be analyzed for physical parameters listed in the DTSC Guidance, including: density, organic carbon content by the Walkee Black Method, soil moisture, effective permeability, porosity and Grain size distribution analysis and evaluation. Upon completion of the soil vapor survey and vapor well installation, the field activities and laboratory analytical results will be summarized in a brief letter report and submitted to the OCHCA.

Waste Disposal

All field generated wastes will be properly disposed in accordance with federal, state and local requirements. We do not anticipate any wastes to be generated from this work.

Report on the Work

The results of the fieldwork will be put into a separate report signed by a Registered Civil Engineer that incorporates all of the requirements of your agency.

Health and Safety Plan

All staff and third parties who will be near or around the project will be required to sign the health and safety plan that has been prepared and is attached to this letter.

REGISTERED PROFESSIONAL STATEMENT

All work on this project is being performed under the responsible charge of a California Registered Civil Engineer. The licensed professional whose wet ink signature and seal appears at the end of this report will supervise or personally conduct all work associated with the project.

CERTIFIED LABORATORY

All analytical data will be reported by Chemical and Environmental Laboratories, a California certified laboratory.

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CORRESPONDENCES CONCERNING THIS PROJECT:

Please be sure that your mailing list includes The Reynolds Group and:

Dominique Baione
UNIVERSAL MOLDING EXTRUSION COMPANY

9151 East Imperial Highway Downey, CA 90242

James R. McFadden
GRUBB & ELLIS
500 North State College Suite 100
Orange, CA 92868

John C. Glaser
GLASER, TONSICH & ASSOCIATES, LLC
765 West 9th Street
San Pedro, CA 90731

The individual at The Reynolds Group who will be handling the technical aspects of the case is John Cleary. Mr. Cleary can be reached directly in the office at (714) 730-5397 ext. 129 or on his cell phone at (714)920-9362 or via e-mail at cleary@reynolds-group.com.

Sincerely,

THE REYNOLDS GROUP a California Corporation by:

John P. Cleary

Project Manager

California Registered Civil Engineer #70001

Christa Wolfe

Staff Geologist

Luis Lodrigueza, OCHCA
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Enclosures:

Figure 1 - Site Location Map

Figure 2 - Site Plot Plan with Proposed Soil Vapor Probe and Soil Vapor Locations

Figure 3 - Temporary Probe and Multi-depth Vapor Extraction Well Detail

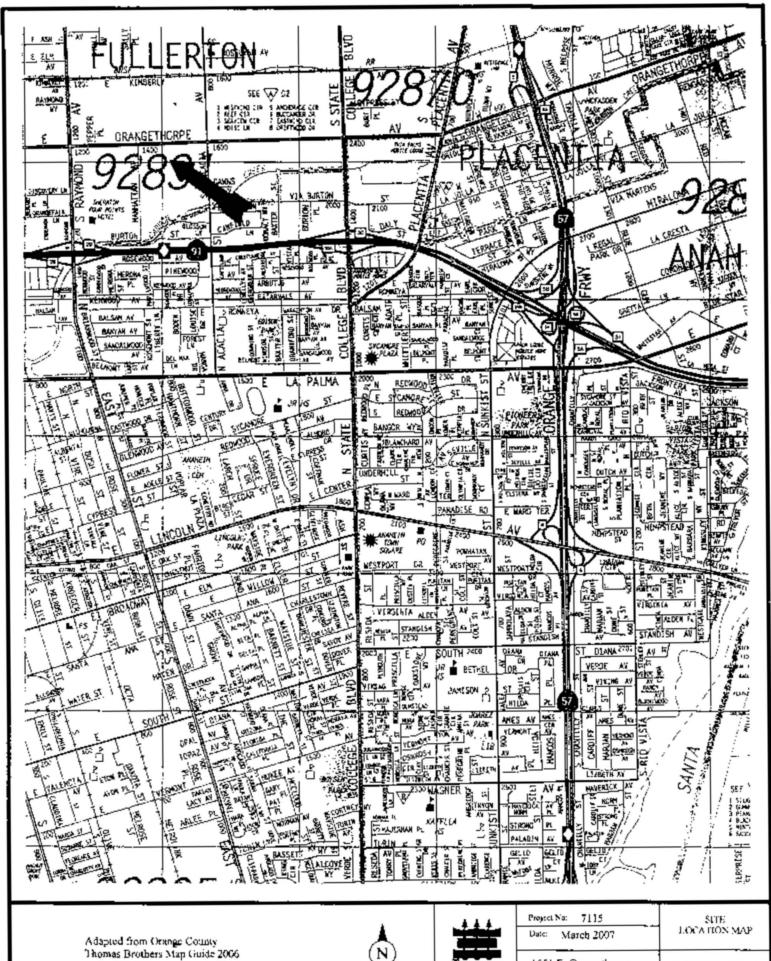
OCHCA Directive Letter dated August 24, 2007

Health and Safety Plan

cc: Dominick Baione, UNIVERSAL MOLDING EXTRUSION COMPANY c/o

James McFadden, GRUBB & ELLIS

Jack Glaser, GLASER, TONSICH & ASSOCIATES, LLC

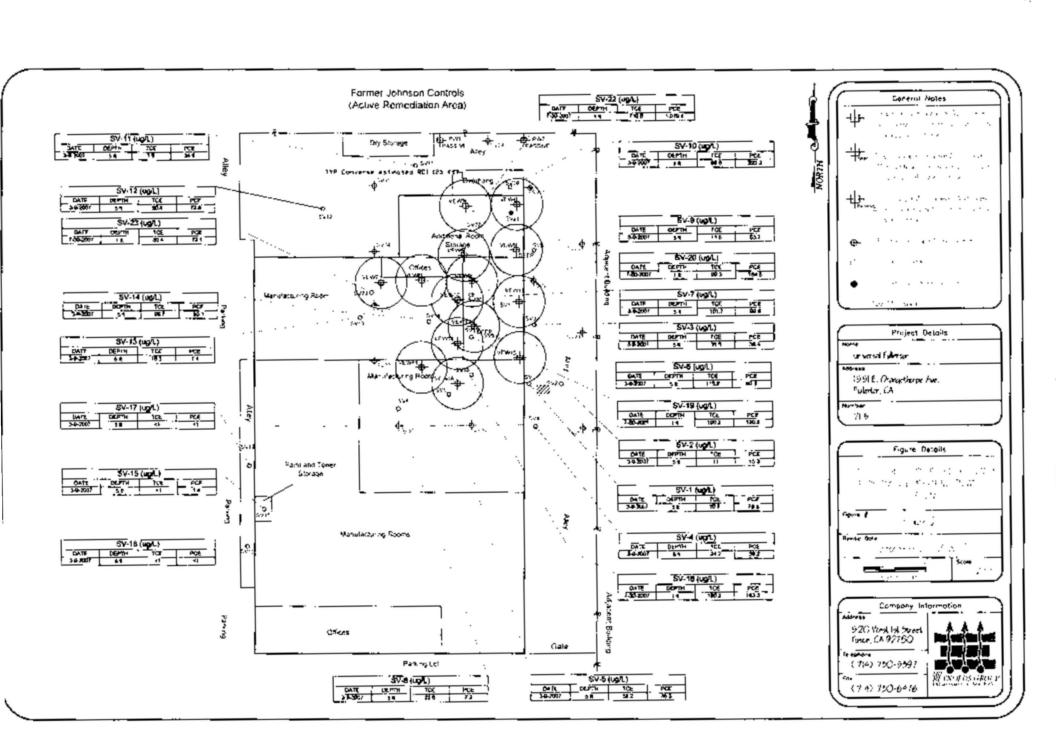


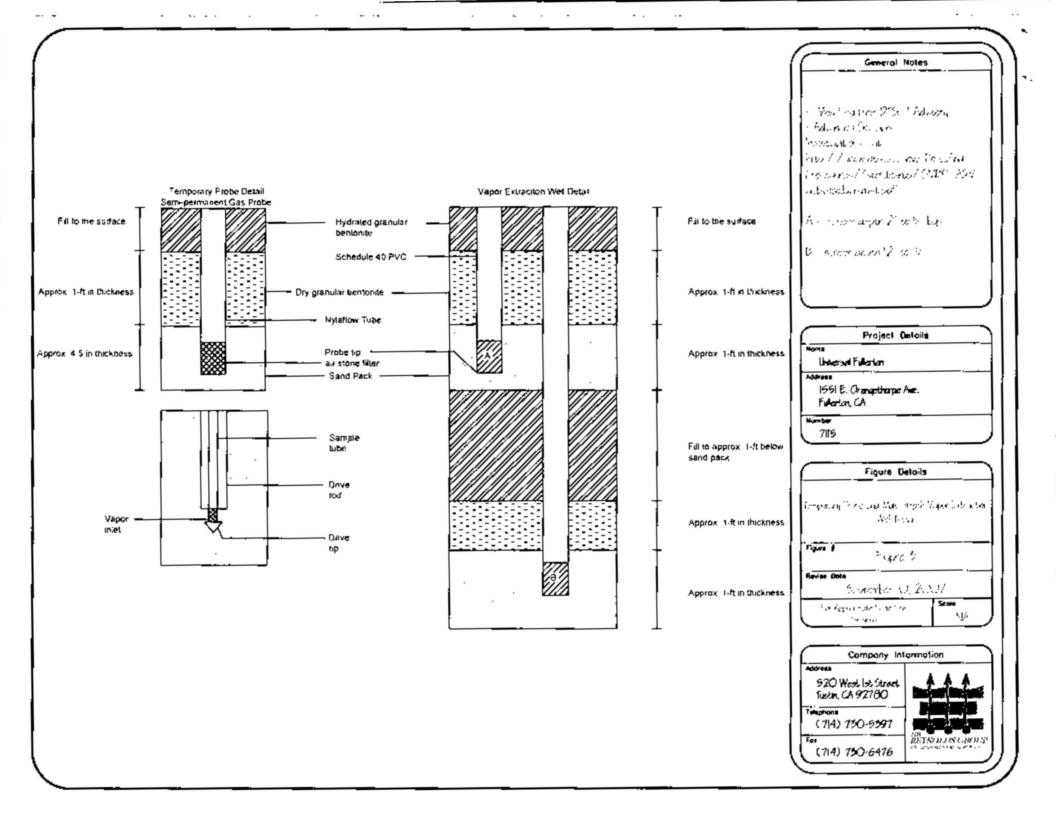




1551 E. Orangethorpe Fullerton, CA

FIGURE 1







COUNTY OF ORANGE **HEALTH CARE AGENCY**

PUBLIC HEALTH SERVICES ENVIRONMENTAL HEALTH

DAVID M. SOULELES, MPH

JULIETTE A, POULSON, RN, MN

DEPUTY AGENCY DIRECTOR

DIRECTOR

RICHARD SANCHEZ, REHS, MPH INTERIM DIRECTOR ENVIRONMENTAL HEALTH

MAILING ADDRESS: 1241 EAST DYER AGAD, SUITE 120 SANTA ANA, CA 92705-5611

> TELEPHONE: (7:4) 431-6000 FAX: (714) 754-1732 E-MAIL: ehealth@ochca.com

Excellence Integrity

20070828 TRG Boj. # 7115

RECEIVED

August 24, 2007

AUG 2 2907

Dominick Bajone Universal Molding Company 9151 East Imperial Highway Downey, CA 90240

Subject:

Shallow Soil Vapor Survey Report

Re:

Fullerton Business Park-North 1551 Orangethorpe Avenue

Fullerion, CA 92833 OCHCA Case #07IC015

Dear Mr. Baione:

Orange County Health Care Agency (OCHCA), Environmental Health has reviewed the subject report submitted by The Reynolds Group. The results of this recent shallow soil vapor sampling indicated that solvent vapor concentrations at or near the foundation subslab are higher than those detected earlier at 5 ft below grade.

Using the DTSC-modified Johnson-Ettinger vapor intrusion model, OCHCA conducted a vapor risk assessment to evaluate the effect of the shallow soil vapor contamination on indoor receptors. The cumulative incremental cancer risk from PCE and TCE calculated from each of the shallow soil vapor probes ranged from 5.9E-05 to 7.9E-04. These values are orders of magnitude higher than the allowable risk of one in a million (1.0E-06).

In view of these findings, it is requested that the extent of the soil vapor plume within the warehouse (west-central and south sections) be determined. The additional soil gas survey should also include sampling of soil vapor probes as close as possible to buildings within 100 ft of the probable outer limit of the plume to evaluate the potential vapor intrusion into these structures. Please submit a work plan for this additional soil vapor survey. The information obtained from this phase will serve as the basis for a remedial action plan (RAP)—to include any necessary pilot test to determine the feasibility of the chosen remedial measure-designed to mitigate the soil vapor contamination.

Dominick Baione August 24, 2007 Page 2 of 2

If you have any questions regarding this matter, please contact the undersigned at (714) 433-6253.

Sincerely,

Luis Lodrigueza

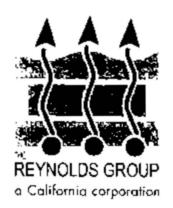
Hazardous Waste Specialist

Hazardous Materials Mitigation Section

Environmental Health Division

cc: Kamron Saremi, California Regional Water Quality Control Board- Santa Ana Region

John Cleary, The Reynolds Group, 520 West First Street, Tustin, CA 92780



Site-Specific Health & Safety Plan

Soil Gas Survey & Vapor Extraction Well Installation

1551 ORANGETHORPE AVENUE FULLERTON, CALIFORNIA

INTRODUCTION

The Reynolds Group (TRG) was engaged to perform a soil gas survey and will be installing sixteen vapor extraction wells at 1551 Orangethorpe Ave, Fullerton CA

KEY PERSONNEL AND RESPONSIBILITIES

Following are key assignments for this project:

ASSIGNMENT RESPONSIBLE PARTY

Project Manager: John Cleary
Project Site Safety Officer: Christa Wolfe/Ed Reynolds

Office Health and Safety Manager: Ed Reynolds

The Project Manager (PM) has overall responsibility for field development and implementation of this Health and Safety Plan (HASP). The PM assigns health and safety related duties and responsibilities only to qualified individuals. Before anyone enters the work area, they must meet the requirements of 29 CFR 110.120 for medical examination and health and safety training.

The Project Site Safety Officer (PSSO), who must be on-site during all work activities, will be responsible for on-site health and safety activities. The PSSO has stop-work authorization that he will exercise when he perceives an imminent safety hazard, an emergency situation, or any other potentially dangerous situations, such as extreme weather conditions. If the PSSO stops work for a safety-related issue, work cannot begin again until approved by the OHSM. In an emergency, the PSSO will arrange for emergency support services when needed.

GENERAL SAFETY REQUIREMENTS

Continuous air monitoring for worker safety and regulatory compliance will be conducted using a photoionization detector (PID) or flame-ionization detector (FID) a minimum of every 15 minutes during the entire operation, unless directed otherwise by the appropriate regulatory agency officer(s) present on site.

Monitoring equipment, including PID/FID and CG/O2 meter, will be calibrated daily and calibration logs will be maintained on-site and made available upon request.

All on-site personnel operating within the work zone will show proof of current 40-hour hazardous waste operations training upon request.

Cellular telephones/radios will be available on-site at all times during work for communication in the event of an emergency.

HAZARD EVALUATION

The following is an evaluation of the hazards which might be associated with this project and the countermeasures which should be taken to remediate these hazards:

Exposure |

POTENTIAL CHEMICALS:

The most likely chemical compounds to be encountered during this survey are petroleum fuel hydrocarbons, found typically in oil field operations.

ASSOCIATED HAZARD:

PCE / TCE:

Enters your body when you breathe its vapors or through the skin it can affect the central nervous system, harm the eyes, nose, throat, lungs, heart, liver, kidneys, and immune system and has been shown to cause cancer.

EXPOSURE PROBABILITY AND LIKELY CONSEQUENCE:

A low hazard level exists where there is no contact with the chemicals, when low concentrations are encountered, or when proper protection is worn.

COUNTERMEASURES:

- When OVM reading is less than 50 ppm above background level wear Level D protection;
- When OVM reading is above 100 ppm for greater that 15 minutes wear Level C protection;
- When OVM reading is above 1000 ppm cease work operations until level decreases.

Fire and Explosion

POTENTIAL FOR FIRE OR EXPLOSION:

Workers may encounter fire or explosion hazards on this project. Fire or explosion could occur by rupturing an underground gas line or if digging through soil that contains high concentrations of fuel hydrocarbons.

EXPOSURE PROBABILITY AND LIKELY CONSEQUENCE:

Low probability with moderate consequence.

COUNTERMEASURES:

Seek information about possible underground obstructions from knowledgeable individuals before excavating. Note if Dig Alen has marked the site for underground lines (see Section 3.11).

Oxygen Deficiency

On-site workers are not likely to encounter an oxygen deficiency. Workers will not enter confined spaces on this project.

Ionizing Radiation

On-site workers are not likely to encounter radioisotopes or other hazardous ionizing radiation on this site.

Biologic Hazards

On-site workers are not likely to encounter biologic hazards on this site.

Safety Hazards

On-site workers may encounter physical safety hazards on this site. Work operations include:

- working near moving, powered machinery;
- slips, strains, trips, and falls;
- moving and lifting of heavy objects;
- use of hand tools, and
- use of motor vehicles.

COUNTERMEASURES:

Use experienced on-site persons. Wear hard-toed shoes and approved hard hats. Heighten worker awareness with a tailgate safety session for all on-site workers at the start of work each day. Maintain all equipment (including safety devices) in proper operation condition. Never leave an open excavation unattended.

Electrical

On-site workers could encounter electrical hazards on this site if the front loader contacts overhead power lines, if subsurface work encounters buried live electrical lines, if poor weather conditions exist, or equipment is not properly grounded.

COUNTERMEASURE:

Be sure not to raise the front loader in proximity to overhead power lines. Work shall cease if bad weather conditions exist. Equipment shall be grounded. Seek information about possible underground lines from knowledgeable individuals before excavating. Note if Dig Alert has marked the site for underground lines (see Section 3.11).

Heat Stress

There will be a low likelihood that on-site workers may encounter heat stress on this project. Workers will be wearing Tyvek suits and ambient temperature will likely be in the low-to mideighties.

COUNTERMEASURES:

Heighten worker awareness about heat stress at daily tailgate safety session. Monitor heart rate at break time. If heart rate exceeds 110 heats per minute, cut work period by one-third. Provide and encourage drinking of water and juices at the job site.

Cold Exposure

On-site workers are not likely to encounter cold exposure on this project.

Noise

On-site workers will likely encounter excessive noise levels from operation of the heavy equipment.

COUNTERMEASURE:

Workers will wear hearing protection around the backhoe and whenever they have trouble conversing in normal tones at a distance of about five feet.

Underground Lines

Every effort will be made to determine if underground lines exist beneath the site. Dig Alert will be contacted at least two working days prior to the commencement of work. Dig Alert #A-900145

SITE CONTROL

For control purposes, the work area consists of a 160-foot area around the backhoc. It is open and workers will enter and leave the site with care. Smoking, eating, and drinking are prohibited in the immediate work area. The PSSO will exclude casual observers from the work area and will be onsite during work operations.

EMERGENCY RESPONSE PLAN

Following are emergency names, phone numbers, and contacts:

Police	911
Fire Department	911
Ambulance	911

Emergency Hospital	(714) 744-1450
1111117 01 1	

1111W La Palma Avc. Anaheim, CA 92801

The Reynolds Group	(714) 730-5397
The Regional Cheep	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

250 El Camino Real, Suite 204

Tustin, CA 92780

Phones
,

Medical Emergencies:

For emergencies requiring ambulance service, call 911 for transportation of injured to hospital. Life-flight is available and can be obtained when calling 911.

Nearest Facility:

See Attached Map

Emergency Decontamination:

In a medical emergency, personnel decontamination is of lesser importance than medical attention. Alert paramedics or emergency room attendants about the potential for contamination.

The undersigned have read and will comply with the Health and Safety Plan for the Universal Fullerton Property subsurface assessment project.

REPRESENTING	NAME	SIGNATURE	DATE
	<u> </u>		
	<u> </u>		

THE REYNOLDS GROUP A California Corporation by:

F. Hdward Reynolds, Jr., P.E.



Start 1551 E Orangethorpe Ave Fullerton, CA 92831 End 1111 W La Palma Ave Anaheim, CA 92801

Travel 2.7 mi - about 8 mins

Save trees. Go green! Download Google Maps for mobile Text maps to 466453

1551 E Orangethorpe Ave Fullerton, CA 92831

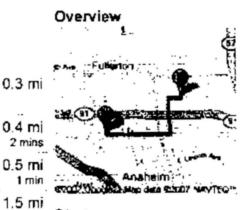
Drive: 2.7 mi - about 8 mins

- Head west on E Orangethorpe Ave toward Manhattan Ave
- ← 2. Turn left at S Raymond Ave
 - 3. Continue on N East St
- → 4. Turn right at E La Palma Ave

1111 W La Palma Ave Anaheim, CA 92801

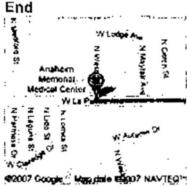
These directions are for planning purposes only. You may find that construction projects, traffic, or other events may cause road conditions to differ from the map results.

Map data ©2007 NAVTEQ™





5 mins



Map data ©2007 NAVTEQ™



CERTIFICATE OF COMPLETION

8 HOUR REFRESHER HEALTH & SAFETY TRAINING

Christa Wolfe

has successfully completed the 8-Hour Refresher Health and Safety Training course, satisfying the OSHA Hazardous Waste Operators and Emergency Response Standard [29 CFR 1910.120(e)(8),(q)(8) and 8 CCR 5192 (e)(q)].

Class Date: March 16th 2007 Expiration: March 16th 2008

Certificate # 26292-11

Joseph T. Thompson, MPH

1979 State College Boulevard • Anaheim, CA 92806 • Phone: 800-949-4473



CERTIFICATE OF COMPLETION

8 HOUR REFRESHER HEALTH & SAFETY TRAINING

John P Cleary

has successfully completed the 8-Hour Refresher Health and Safety Training course, satisfying the OSHA Hazardous Waste Operators and Emergency Response Standard [29 CFR 1910.120(e)(8),(q)(8) and 8 CCR 5192 (e)(q)].

Class Date: March 16th 2007 Expiration: March 16th 2008

Certificate # 26292-4

Joseph T. Thompson, MPH

1979 State College Boulevard • Anaheim, CA 92806 • Phone: 800-949-4473



CERTIFICATE OF COMPLETION

8 HOUR REFRESHER HEALTH & SAFETY TRAINING

F. Edward Reynolds Jr.

has successfully completed the 8-Hour Refresher Health and Safety Training course, satisfying the OSHA Hazardous Waste Operators and Emergency Response Standard [29 CFR 1910.120(e)(8),(q)(8) and 8 CCR 5192 (e)(q)].

Class Date: March 16th 2007 Expiration: March 16th 2008

Certificate # 26292-3

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Material Safety Data Sheet

(Home) [Manufacturer] [Part Number] [NSN] [Help]

SECTION I - Material Identity

SECTION II - Manufacturer's Information

 Manufacturer Name
 ULTRA SCIENTIFIC

 Street
 250 SEITH STREET

 City
 NORHT KINGSTOWN

 State
 RI

 Country
 US

 Zip Code
 02852

MSDS Preparer's Information

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

SECTION IV - Fire and Explosion Hazard Data

Flash Point Method	NK .
Lower Explosion Limit	.7
Upper Explosion Limit	6.0
Extinguishing Media	
. 9	ATER SPRAY.

SECTION V - Reactivity Data

SECTION VI - Health Hazard Data

SECTION VII - Precautions for Safe Handling and Use

SECTION VIII - Control Measures

SECTION IX - Label Data

Protect	Eye		٠,	٠		 		٠	,				•	,	٠							YES
Protect	Skin.					٠,			,												,	YES
Protect	Respi	ra	to	r	y							,				,	•		,			YE\$
Chronic	Indic	at	or	٠,										,								UNKNOWN
Contact	Code.								,	,	,							,		,		MODERATE
Fire Cod	le		٠.										٠									UNKNOWN
Health C	ode	٠.								•										,		UNKNOWN
React Co	de	٠.									,								,			иномии

SECTION X - Transportation Data

Contain	er Quantity	
Unit of	MeasureML	

SECTION XI - Site Specific/Reporting Information

Volatile	Organic	Compounds	(P/G)	6.6005
Volatile	Organic	Compounds	(G/L)	791

SECTION XII - Ingredients/Identity Information

Ingredient #
Ingredient Name METHYL ALCOHOL
CAS Number 67561
ProprietaryNO
Percent 98.4829
OSHA FEL 200PPM
ACGIH TLV 200PPM
Ingredient #02
Ingredient Name
CAS Number
Proprietary NO
Percent
ACGIR TLV 5PPM
Ingredient #
Ingredient Name BENZENE, CHLORO-
CAS Number 108907
Proprietary NO
Percent
OSHA PEL75PPM
ACGIH TLV10PPM
Ingredient #04
Ingredient Name BROMAFORE
CAS Number75252

Proprietary..... NO

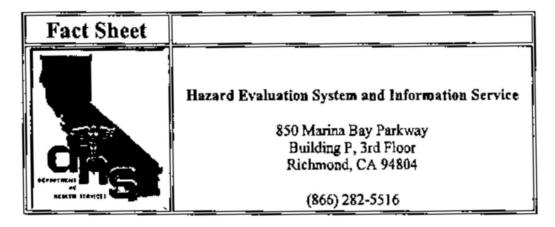
E	ercent
(SHA PEL5PPM
7	CGIH TLV,5PPM
1	ngredient \$
1	ngredient Name CHLOROESTHANE
(AS Number
1	roprietaryNO
ı	ercent2528
(SHA PEL 100PPM
7	CGIH TLV 50PPM
	ngredient # 06
	ingredient Name
(A\$ Number79345
	ProprietaryNO
	Percent
1	OSHA PEL 5PPN
	ACGIH TLV1PPM

NOTICE: For additional information, contact BIOENVIRONMENTAL

HMMS Intranet - 30 Jan 2006 16:50 - web_msds.display - Visit the Official HMMS Website at www.hmms.com

1CE

Revised December 1997



Trichloroethylene (TCE)

HEALTH HAZARD SUMMARY
HOW TO KNOW IF YOU ARE WORKING WITH TRICHLOROETHYLENE
YOUR RIGHT TO KNOW
HOW TRICHLOROETHYLENE ENTERS AND AFFECTS YOUR BODY
TESTS FOR EXPOSURE AND MEDICAL EFFECTS
LEGAL EXPOSURE LIMITS
REDUCING YOUR EXPOSURE

Health Hazard Summary: Trichloroethylene mainly affects the central nervous system (the brain), cansing headache, nausea, dizziness, climsiness, drowsiness, and other effects like those of being drunk. TCE can also damage the facial nerves, and it can cause skin rash. Heavy exposure can damage the liver and kidneys. TCE causes cancer in animals and may cause cancer in humans.

HOW TO KNOW IF YOU ARE WORKING WITH TRICHLOROETHYLENE

TCE is sometimes called by other names, such as trichloroethene, ethylene trichloride, or ethinyl trichloride. It is sold under many different brand names, such as Tri-Clene, Trielene, Trilene, Trichloren, Algylen, Trimar, Triline, Tri, Trethylene, Westrosol, Chlorylen, Gemalgene, and Germalgene.

TCE looks like water and has a sweet odor like chloroform. It is mainly used in metal degreasing. It is also used as a raw material to make other chemicals, as a cleaner in electronics manufacturing, and for all sorts of general solvent purposes such as in paints, paint strippers, and adhesives. It has also been used as a low-temperature refrigerant and as a grain fumigant, and is still sometimes used in dry cleaning. It is no longer commonly used as a medical anesthetic gas.

Your Right To Know: Under California's Hazard Communication Standard (Cal/OSHA regulation GISO 5194), your employer must tell you if you are working with any hazardous substances, including TCE, and must train you to use them safely.

If you think you may be exposed to hazardous chemicals at work, ask to see the Material Safety Data Sheets (MSDSs) for the products in your work area. MSDSs can be very hard to read, and sometimes they are out of date or inaccurate or they leave out important information, but the MSDS should at least tell you what's in the product. An MSDS lists the hazardous chemicals in a product, describes its health and safety hazards, and gives methods for its safe use, storage, and disposal. An MSDS should also include information on fire and explosion hazards, chemical reactivity, first aid, and methods for handling leaks and spills. Your employer must have an MSDS for any workplace product that contains a hazardous substance, and must make the MSDS available to employees on request. The MSDS for a product that contains TCE should identify it in Section 2 by the CAS number 79-01-6.

HOW TRICHLOROETHYLENE ENTERS AND AFFECTS YOUR BODY

TCE enters your body when you breathe its vapors in the air. TCE can also be absorbed through your skin, especially with lengthy skin contact or if your skin is cut or cracked.

Overexposure to TCE mainly affects the central nervous system (the brain). Other symptoms can also occur, as described below.

TCE belongs to a large class of chemicals called organic solvents. Alcohols, acetone, methyl ethyl ketone, trichloroethane, methylene chloride, benzene, toluene, and xylene are just a few other examples of organic solvents. Most organic solvents share the same basic set of health effects, although some solvents also cause specific effects of their own.

Nervous System: Like most organic solvents, TCE can affect your brain the same way drinking alcohol does, causing headache, nausea, dizziness, clumsiness, drowsiness, and other effects like those of being drunk. This can increase your chances of having accidents. The effects of short-term overexposure usually clear up within a few hours after you stop being exposed. As your exposure level increases or you are exposed for a longer time, the effects get stronger, occur more quickly, and last longer. Drinking alcohol within a few hours of exposure will increase these effects and make them last longer. Very high exposures to TCE can cause a person to pass out, stop breathing, and die.

Most experts believe that repeated, frequent overexposure to organic solvents in general, over months or years, can have long-lasting and possibly permanent effects on the nervous system. The symptoms include fatigue, sleeplessness, poor coordination, difficulty in thinking, loss of short-term memory, and personality changes such as depression, anxiety, and irritability. We don't know how much exposure it takes to cause these effects, and these effects have not been studied in workers exposed only to TCE.

Unlike most other solvents, TCE can damage the nerves of the face. Vision, smell, taste, and sometimes control of the muscles of the face and mouth can be impaired. There is some evidence that hearing might also be affected. The most obvious cases result from short-term high exposure, although effects may not appear until hours or even as much as two days after the exposure. Long-term lower-level exposure may also cause less obvious damage. TCE can also damage the nerves of the arms and legs, causing tingling, loss of feeling, weakness, and paralysis. The effects are probably caused by contaminants, rather than by TCE itself, but those contaminants are usually present.

Skin: TCE, like other organic solvents, can dissolve your skin's natural protective oils. Frequent or prolonged skin contact can cause irritation and dermatitis (skin rash), with dryness, redness, flaking, and cracking of the skin. TCE can be absorbed into the body slowly through healthy skin, or rapidly through damaged skin. TCE quickly penetrates most ordinary clothing (see <u>Personal Protective Equipment</u>) and can get trapped in gloves and boots; such exposure can cause burns and blistering.

Eyes, Nose, and Throat: TCE vapor in the air can irritate your eyes, nose, and throat. Liquid TCE splashed in the eye can sting, but any damage to the eye usually heals within a few days.

Lungs: Exposure to TCE at high levels can irritate the lungs, causing chest pain and shortness of breath. Extreme overexposure (for example, inside an enclosed or confined space such as a degreasing tank) can cause pulmonary edema, a potentially life-threatening condition in which the lungs fill with fluid. However, there is no evidence that repeated, low-level exposure has any long-term effects on the lung.

Heart: Extremely high concentrations of TCE or other chlorinated solvents can cause heart fibrillation (irregular heartbeats) that can cause sudden death.

Liver and Kidneys: At very high levels of exposure such as might occur in an enclosed space or during a spill TCE can injure the liver and kidneys. Liver or kidney damage is rare; it's not at all likely to happen without substantial effects on the nervous system first, and it's not likely to happen if exposures are kept within the legal workplace limits. Generally, such liver or kidney damage is not permanent. However, long-term exposure can contribute to liver damage from drinking alcohol.

Immune System: There have been reports of certain rare immune diseases such as systemic sclerosis (scleroderma) and lupus erythematosus among people exposed to TCE, but there has been no good study to show whether TCE is actually related to any immune system disorder.

Cancer: TCE causes cancer in mice, and there is some evidence that it may also be a weak carcinogen in rats. Humans exposed to TCE have not been studied well enough to give much information, but the human studies also suggest that TCE may cause cancer. You should treat TCE as a likely cause of human cancer.

Genetic Changes: There are many ways to test whether a chemical causes genetic mutations. In most tests, TCE causes little or no mutation.

Reproductive System: Several animal studies and at least one human study have suggested that TCE might cause birth defects, loss of the fetus, or impaired growth and performance of the offspring. However, there has been very little consistency among the tests; each experimenter has tended to get results very different from those of other experimenters, and most tests find little or no effect on pregnancy. You should treat TCE as a possible hazard to pregnancy.

Other: People who drink alcohol and breathe TCE vapors at nearly the same time can develop degreaser's flush, a reddeing of the face, shoulders, and back that usually goes away within an hour or so after exposure stops.

TESTS FOR EXPOSURE AND MEDICAL EFFECTS

There are ways to measure the amount of TCE in your body. Unlike many other organic solvents, TCE's breakdown products remain in the body for up to three weeks, so testing does not necessarily have to be done right after exposure. Biological Exposure Indexes have been developed to help interpret the various types of test results. However, because people vary greatly, these tests are mainly useful for evaluating groups of exposed workers, not individual workers. There are also other tests to look for certain unusual specific health effects. A health care provider can select specific tests on a case-by-case basis to evaluate chemical exposure and its effects. HESIS physicians can provide advice for such medical evaluations. However, routine testing is not recommended or required.

If symptoms such as memory loss, confusion, and mood changes occur, neuropsychological testing may be useful.

It is generally recommended that workers who are regularly exposed to hazardous substances get a complete physical examination, including an occupational and medical history, at the beginning of their employment. They should also have periodic follow-up examinations.

LEGAL EXPOSURE LIMITS

California's Division of Occupational Safety and Health (Cal/OSHA) sets and enforces standards for workplace chemical exposure. Cal/OSHA sets Permissible Exposure Limits (PELs) for the amounts of certain chemicals in workplace air. The PELs are intended to protect the health of a person who is exposed every day over a working lifetime.

Cal/OSHA's PEL for TCE is 25 parts of TCE per million parts of air (25 parts per million, or 25 ppm). This is equal to about 135 milligrams of TCE per cubic meter of air (135 mg/m3). Legally, your exposure may be above 25 ppm at times, but only if it is below the PEL at other times, so that your average exposure for any 8-hour workshift is no more than 25 ppm.

There is also a Short Term Exposure Limit (STEL) of 200 ppm (1075 mg/m3), which must not be exceeded during any 15-minute averaging period, and a Ceiling Limit of 300 ppm (1612 mg/m3) that must never be exceeded for any period of time.

The American Conference of Governmental Industrial Hygienists has recommended a Short-Term Exposure Limit of 100 ppm. Cal/OSHA will probably adopt this more protective recommendation as a legal STEL in about 1998.

You should not rely on your sense of smell to warn you that you are being overexposed to TCE. TCE has fairly good warning properties; on average, people begin to smell TCE just about when the concentration in the air reaches the PEL (at about 28 ppm, on average). However, many people can smell TCE at lower levels, when they are not being overexposed; and many people cannot smell it even at much higher levels. Also, your sense of smell becomes dulled after being around TCE for a short time. Measuring the amount of a substance in the air is the only reliable way to determine the exposure level.

When two or more chemicals have similar health effects (such as TCE and other organic solvents that affect your central nervous system or irritate your eyes, nose, and throat), there are special rules (GISO 5155(c)(1)(B)) that set lower limits on your combined exposure.

If you work with TCE and think you may be over-exposed, talk to your supervisor or your union. If any worker might be exposed to a substance at more than the legal limit, the employer must measure the amount of the substance in the air in the work area (GISO 5155 (e)). You have the legal right to see the results of such monitoring relevant to your work (GISO 3204).

You also have the right to see and copy your own medical records, and records of your exposure to toxic substances. These records are important in determining whether your health has been affected by your work. Employers who have such records must keep them and make them available to you for at least 30 years after the end of your employment.

REDUCING YOUR EXPOSURE

Your employer is required to protect you from being exposed to chemicals at levels above the PELs. Cal/OSHA and Cal/OSHA Consultation Service can help you and your employer see Resources.

Substitution: The most effective way to prevent over-exposures is to use a safer chemical, if one is available. However, the health and safety hazards of substitutes must also be carefully considered, to make sure that they are actually safer. One advantage of TCE is that it does not burn or explode. One disadvantage is that TCE vapors are much heavier than air, so they can settle into pockets and depressions (such as an open degreasing tank) and reach very dangerous concentrations. TCE evaporates very quickly; in a closed container, it can build up to levels three hundred times as high as the Ceiling Limit that must never be exceeded.

RECEIVED HCA

FEB 03 2012

ENVIRONMENTAL HETH

February 1, 2012 (TRG No. 7115)

Luis Lodrigueza ORANGE COUNTY HEALTH CARE AGENCY 1241 E. Dyer Road, Suite 120 Santa Ana, CA 92705



SITE:

FULLERTON BUSINESS PARK NORTH

1551 ORANGETHORPE FULLERTON, CALIFORNIA

OCHCA:

#07IC015

SUBJECT: TRANSMITTAL OF LABORATORY REPORT

Dear Mr. Lodrigueza,

As requested in your email of January 25, 2012, please find enclosed a copy of the verification sampling results from August 2, 2011, for the subject Site. As I stated in an email to you, we believe that we mistakenly sent the "original" chain-of-custody to our Client. I hope the enclosed will suffice.

If you need to discuss this further, please reach me at 714-920-9312 (cell) or by small to fuan'it reynolds-group.com. Thank you.

Sincerely,

THE REYNOLDS GROUP a California Corporation by:

Alejandro Fuan Project Manager

Attachments:

Jones Laboratory Analytical Report From August 2, 2011, Sampling

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

JEL Ref. No.: Client Ref. No.: 8/2/2011

Report date:

B-5193 7115

Attn:

Al Fuan

Date Sampled:

8/2/2011

Project:

Date Received: Date Analyzed: 8/2/2011

Universal Fullerton

8/2/2011

Project Address:

1551 E. Orangethorpe Ave.

Physical State:

Soil Gas

Fullerton, CA

ANALYSES REQUESTED

١. EPA 8260B - Volatile Organics by GC/MS + Oxygenates

Sampling - Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers. Tubing placed in the ground for soil gas sampling was purged three different times as recommended by DTSC/RWQCB regulations. This purge test determined how many purges of the soil gas tubing were needed throughout the project. One, three and seven purge volumes were analyzed to make this determination.

A tracer gas, n-Propanol, was placed at the tubing-surface interface before sampling. This compound was analyzed during the 8260B. analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No n-Propanol was found in any of the samples reported herein.

The sampling rate was approximately 200 colmin except when noted differently on the chain of custody record using a gas tight syringe. 1 & 3 purge volumes were used since this purging level gave the highest results for the compound(s) of greatest interest.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, scaling the entire system and watching the vacuum for some length of time. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken,

Analytical - Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113), Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Ambient Air Blanks were analyzed every 12 hours as prescribed by the method, In addition, Matrix Spike (MS) and Matrix Spike Duplicates (MSD) were analyzed with each batch of Soil Gas samples. A duplicate sample was analyzed each day of the sampling activity.

All samples were analyzed within 30 minutes of sampling.

Approval:

Steve Jones, Ph.D. Laboratory Manager

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

JEL Ref. No.: B-5193 Client Ref. No.: 7115

Report date:

Attn:

Al Fuan

Date Sampled: 8/2/2011 Date Received: 8/2/2011

Project:

Universal Fullerton

Project Address:

1551 E. Orangethorpe Ave.

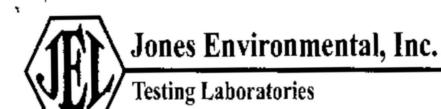
Physical State: Soil Gas

Date Analyzed: 8/2/2011

8/2/2011

Fullerton, CA

Sample ID:	VEW3-15'	VEW3-15'	VEW-15'			Practical	
	(P	3P	7P	VEW3-51	VEW3-25*	Quantitation	Linits
Analytes:		31	"			<u>1,imit</u>	
Benzene	ND	ИD	ND	ND	ND	0.020	μ <u>α</u> /Ι,
Bromobenzene	ND	ND	ND	ND	ND.	0.020	μ ջ/L
Bromodichloromethane	ND	ND.	ND	ND	ND	0,020	μ g/L
Bromoform	ND:	ND	ND	ND	ND	0.020	$\mu g/I_*$
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
see-Butylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	μg/L.
Carbon tetrachforide	ND	ND	ND	ND	ND	0.020	$\mu g/I$.
Chlombenzene	ND	ND	ND	ND	ND	0.020	$\mu g/I$.
Chloroethane	ND	ND	ND	ND	ND	0.020	μg/L
Chloroform	ND	ND	ND	ND	ND	0,020	$\mu g/L$
Chloromethane	ND	ND	ND	ND	ND	0.020	μg/I,
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	μg/L
4-Chlorotolucne	ND	ND	ND	ND	ND	0.020	μg/L
Dibromochloromethane	ND	ND.	ND	ND	ND	0.020	μg/L.
1,2-Dibromo-3-chloropropane	ND	KD.	ND	ND	ND	0.020	$\mu g/I$.
1.2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	μg/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	$\mu \mathbf{g}/\mathbf{L}$
1.2 Dichtorobenzene	ND	ND	ND	ND	ND	0.020	րջ/Ն
1.3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	μg/L.
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	$\mu g/I_s$
1.2-Dichloroethane	ND	ND	ND	ND	ND	0.020	μ <u>ε</u> /Լ.
1.1-Dichloroothene	0.444	0.302	0.294	ND	12.8	0.020	µg/L



JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

JEL Ref. No.: Client Ref. No.: 7115

Report date:

8/2/2011 B-5193

Attn:

Al Fuan

Date Sampled: 8/2/2011

Project:

C----(- 1D)

Universal Fullerton

Date Analyzed: 8/2/2011

Date Received: 8/2/2011

Project Address:

1551 E. Orangethorpe Ave.

Physical State: Soil Gas

Fullerton, CA

Sample 1D:	VEW3-15'	VEW3-151	VEW-15'			Practical	
	(P	3P	7P	VEW3-51	VEW3-25'	<u>Ougatitation</u>	Units
Analytes:	11	31	~			Limit	
cis-1.2-Dichloroethene	ND	ND	ND	ND	0.484	0.020	րջ/Ն
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	$\mu \mathbf{g}/\mathbf{l}$.
1.2-Dichloropropane	ND	ND	ND	NI)	ND	0.020	$\mu g/I$.
1.3-Dichloropropane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
2.2-Diefdoropropane	ND	ND	ND	ND.	ND	0,020	μg/L
1.1-Dichloropropene	ND	N13	ND	ND	ND	0.020	$\rho g/L$
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	μ g /L
trans-1.3-Dichloropropene	ND	ND	ND	ND	ND	0.020	μ κ /L
Ethylbenzene	ND	ND	ND.	ND.	ND	0.020	μg/1.
Freon 113	ND	ND	ND	ND	ND	0.020	μg/L
Hexachtorobutadiene	ND	ND	NI)	ND	ND	0.020	μ ջ/L
Isopropylhenzene	ND	ND	ND	ND	ND	0.020	μg/L
4-Isopropyltoluene	ND	ND	ND.	ND	ND.	0.020	μ <u>ε</u> /1.
Methylene chloride	ND	ND	ND	ND	ND	0.020	μg/I,
Naphthalene	ND	ND	ND	ND	ND	0.020	μ ջ/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
Styrene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
1,1,1,2-Tetrachlomethane	ND	ND	ND	ND	ND	0.020	μg/1.
1,1,2.2-Tetrachloroethane	ND	ND	ND	ND	ND.	0.020	μg/L
Tetrachforoethylene	31.3	27.0	25.1	9.17	206*	0.020	μg/Ն
Toluene	ND	ND	ND	ND	ND	0.020	րջ/Ն
1,2,3-1richlorohenzene	ND	ND	ND	ND	ND	0.020	$\mu g \Lambda_{\star}$
t.2.4 Trichforobenzene	ND	ND	ND	ND	ND	0,020	μ <u>e</u> /1.
1.1.1 Trichloroethane	0.035	0.020	0.023	0.299	ND	0.020	μ <u>ε</u> /1.
1.1.2-Trichlorocthaue	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Trichloroothy tene	1.85	1.60	1.51	0.515	14.6	0.020	$\mu_{\mathbf{k}}/L$

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

Report date: JEL Ref. No.: Client Ref. No.: 7115

8/2/2011 13-5193

Atta:

Al Fuan

Date Sampled: 8/2/2011

Project:

Universal Fullerton

Date Analyzed: 8/2/2011

Date Received: 8/2/2011

Project Address:

1551 E. Orangethorpe Ave.

Physical State: Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: Analytes:	VE₩3-15' LP	VEW3-15' 3P	VEW-15' 7P	VEW3-5*	VEW3-25'	Practical Quantitation Limit	Units
Trichtorollupromethane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
1.2,3-Frichloropropane	מא	ND	ND	ND	ND	0.020	$\mu g/L$
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	μg/L.
1.3.5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	րջ/Լ
Vinyl chloride	ND	ND	ND	ND	ND	0.020	µg/L
Xylenes	ND	ND	ND	ND	ND	0.020	μg/L
MTBE	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	ng/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	μψ7.
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	μg/L
TIC: n-propanol	ND	ND	ND	ND	ИŊ	0.020	μg/1.
Dilution Factor	b .	1	T.	1	1/20*		
Surrogate Recoveries: Dibromofluoromethane Toluene-d _B 4-Bromofluorobenzene	99% 101% 94%	101% 94% 95%	100% 95% 94%	95% 100% 97%	100% 98% 97%	<u>QC Limi</u> 75 - 125 75 - 125 75 - 125	5

B2-080211- B2-080211- B2-080211- B1-080211- B2-080211-CHECKS_1 CHECKS_1 CHECKS_1 CHECKS_1

ND Not Detected

 ⁼ Dilutions for these compound(s): first number for all others

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

JEL Ref. No.: B-5193 Client Ref. No.: 7115

Report date:

Attn:

Al Fuan

Date Sampled: 8/2/2011 Date Received: 8/2/2011

8/2/2011

Project:

Universal Fullerton

Project Address:

1551 E. Orangethorpe Ave.

Fullerton, CA

Date Analyzed: 8/2/2011 Physical State: Soil Gas

Sample ID:						Practical	
	VEW4-51	VEW4-15'	VEW4-25'	VEW5-5*	VEW6-5'	Quantitation	Units
Analytes:						J.imit	
Henzene	ND	ND	ND	NI)	ND	0.020	$\mu g/L$
Bromobenzene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Bromoforen	ND	ND	ND	ND.	ND	0.020	$\mu g/I$,
n-Hutylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
sec-Butylbenzene	ND	ND	תא	ND	ND	0.020	μg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	$\mu p L$
Chlorobenzene	ND	ND	ND	N1)	ND.	0.020	μg/I.
Chlorocitiane	ND	ND	ND	ND	ND	0.020	$\mu g/I$.
Chloroform	תא	ND	ND	ND	N.D	0.020	$\mu g/I$.
Chloromethane	ND	ND	ND	ND	ND	0.020	µg/L
2-Chlorotoluene	מא	ND	ND	ND	ND	0.020	μg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	րջ/Ն
Dibromochloromethane	ND.	ND	N:D	ND	ND	0.020	μ g/L
1,2-Dibromo-3-chtoropropane	ND	ND	ND	ND	ND	0.020	μg/L
1.2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	μg/L
Dibromomethane	ND	ND.	ND	ND	ND	0.020	μg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	μg/t.
1.4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	րը/Ն
Dichlorodifluoremethane	ND	ND	ND	ND	ND	0.020	µg/L
1.1-Dichloroethane	ND	ND	ND	0.402	ND	0.020	$\mu g/L$
1,2-Dichlorocthane	ND	ND	ND	ND	ND	0.020	μg/1.
1,1-Dichloroethene	ND	ND	ND	0.326	ND	0.020	μg/L



JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

JEL, Ref. No.: Client Ref. No.: 7115

Report date:

8/2/2011 B-5193

Attn:

Al Fuan

Date Sampled: 8/2/2011 Date Received: 8/2/2011

Project:

Universal Fullerton

Date Analyzed: 8/2/2011

Project Address:

1551 E. Orangethorpe Ave.

Physical State: Soil Gas

Fullerton, CA

Sample ID:						Practical_	
	VF.W4-5*	VEW4-15'	VEW4-25*	VEW5-51	VEW6-51	Quantitation	Units
Analytes:						<u>Limit</u>	
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	μg/L.
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	$\mu g/I$.
1,2-Dichloropropane	ND	N.D	ND	ND	ND	0,020	$\mu g / I_{\omega}$
1.3-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	מא	0.020	μе/1.
1,1-Dichleropropene	N:D	ND	ND	ND	ND	0.020	րջ/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	μ g/L
trans-1,3-Diehloropropene	NID	ND	ND	ND	V.D	0.020	µg/L
Ethylberizene	ND	ND	ND	ND	ND	0.020	μg/L
Freen 113	ND	ND	ND	ND	ND	0.020	$\mu g/1$.
Hexachlorobutadiene	ND	N1)	ND.	ND	ND	0.020	μg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	μ g/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	$_{1}$ $_{2}$
Methylene chloride	ND	ND	ND	ND	ND	0.020	μg/L,
Naphthalene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
n-Propylhenzene	ND	ND	ND	ND	ND	0.020	μg/L
Styrene	ND	ND	ND	ND	ND	0.020	μg/L
1.1.1.2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	μg/l.
1.1.2.2-Tetrachloroethane	NO	ND	ND	ND	ND	0.020	μ <u>ε</u> /1.
Tetrachlorocthylene	0.492	0.394	ND	0.320	0.432	0.020	$\mu g/I$.
Toluene	ND	ND	ND.	ND	ND	0.020	μg/L
1,2,3 Friehlarabenzene	ND.	ND	ND	ND	ND	0.020	$\mu \mathbf{g}/\mathbf{t}$.
1.2,4 Trichlorobenzene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
1,1.1-Triebloroethane	ND	ND	ND	3.60	ND	0.020	μg/I,
1,1,2-frichloroethane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Trichloroethy tene	ND	ND	ND	0.442	0.154	0.020	$\mu g/L$



JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

Report date:

8/2/2011 B-5193

JEL Ref. No.:

Client Ref. No.: 7115

Aftn:

Al Fuan

Date Sampled: 8/2/2011

Project:

Universal Fullerton

Date Received: 8/2/2011

Date Analyzed: 8/2/2011

Project Address:

1551 E. Orangethorpe Ave.

Physical State: Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:						Practical	
	VEW4-51	VEW4-15'	VEW4-251	VEW5-51	VEW6-51	Quantitation	L'mits
Analytes:						Limit	
Trichlorofluoremethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	μg/L.
1.3.5 Trimethy lbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	ng/L
Xylenes	ND	ND	ND	ND	ND	0.020	$\mu g/L$
MTBE	ND	ND	ND	ND	ND.	0.020	μg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	μg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	μg/L
tert-amylmethy lether	ND	ND	ND	ND	ND	0.020	$\mu \mathbf{g}/\mathbf{I}$.
tert-Butylalcohol	ND	ND.	ND	ND	ND	0.100	$\mu g/L$
TIC:							
n-propanol	ND	ND	ND	ND	ND	0.020	$\mu g/I$.
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						QC Limi	1s
Dibromofluoromethane	98%	91%	71%	73%	97%	75 - 125	
Toluene-da	98%	92%	98%	98%	90%	75 - 125	
4-Bromofluorobenzene	103%	9.106	103%	104%	101%	75 - 125	
	B1-080211-	B2-080211-	B1-080211-	B1-080211-	B2-080211-		
		CHECKS					

CHECKS_U_CHECKS_U_CHECKS_U_CHECKS_U_CHECKS_U

ND= Not Detected

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

Report date: JEL Ref. No.:

8/2/2011 B-5193

Client Ref. No.: 7115

Attn:

Al Fuan

Date Sampled: 8/2/2011 Date Received: 8/2/2011

Project:

Universal Fullerton

1551 E. Orangethorpe Ave.

Date Analyzed: 8/2/2011 Physical State: Soil Gas

Project Address:

Fullerton, CA

Sample ID:						Practical	
	VEW6-151	VEW6-251	VEW17-5"	VEW18-5"	SV36-SS	Quantitation	Units
Analytes:						<u>f.imit</u>	
Benzene	ND	ND	ND	ND.	ND	0.020	$\mu \mathbf{g}/\mathbf{L}$
Bromobenzene	ND	ND	ND	N.D	ND	0.020	$\mu g/I$.
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Bromoform	ND	ND	ND	ND	ND	0.020	$\mu g/L$
n-Butylhenzene	ND	ND	ND	ND	ND	0.020	μg/L
see-Butylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
tert-Butyfbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	N:D	ND	0.020	$\mu g/L$
Chlorobenzene	ND	ND	ND	ND	ND	0.020	μg/l.
Chloroethane	ND	ND	ND	ND	ND	0.020	μg/L
Chloroform	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Chloromethane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
2-Chforotoluene	ND	ND	ND	ND	ND	0.020	μg/1.
4-Chlorotoluene	ND	ND	ND	ND	ND	0.020	$\mu g/I$.
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	μg/L
1.2-Dibromo-3-chtoropropsine	ND	ND	ND	ND	ND	0.020	μg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Dibromomethane	ND:	ND	ND	ND	ND	0.020	$\mu g/I$.
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	me/L
1.3-Dichlorobenzene	ND.	ND	ND	ND	ND	0.020	μg/L.
1.4-Dichlorobenzene	ND.	ND	ND	ND	ND	0.020	$\mu g/L$
Diehlorodifluoromethane	ND	ND	ND	ND.	ND	0.020	μ g/L
1.1-Dichloroethane	ND	ND	ND	ND.	ND.	0.020	$\mu g/L$
1.2-Dichloroethane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
1.1-Dichloroethene	ND	1.48	0.302	ND	ND	0.020	$\mu g/L$

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

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520 West 1st Street

Tustin, CA 92780

Report date: JEL Ref. No.:

8/2/2011 B-5193

Client Ref. No.: 7115

Attn:

Al Fuan

Date Sampled: 8/2/2011

Date Received: 8/2/2011

Project:

Universal Fullerton

1551 E. Orangethorpe Ave.

Physical State: Soil Gas

Date Analyzed: 8/2/2011

Project Address:

Fulferton, CA

Sample ID:						Practical	
	VEW6-15'	VEW6-25'	VEW17-51	VEW18-51	SV36-SS	Quantitation	Cnits
Analytes:						<u>Limit</u>	
cis-1,2-Dichloroothene	ND	ND	ND	ND	ND	0.020	$\mu \mathbf{g}/\mathbf{L}$
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	μg/t.
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	$\mu \mathbf{g}/\mathbf{I}$.
1.3-Dichloropropane	ND	ND	ND	ND	ND	0.020	$\mu g/I$.
2,2-Dichloropropane	ND	ND	NID	ND	ND	0.020	$\mu \mathbf{g}/\mathbf{I}$.
1.1-Dichloropropene	ND	ND	ND	NI)	ND	0.020	μg/L,
cis-1.3-Dichloropropene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	μg/t.
Ethylhenzene	ND	ND	ND	ND	ND	0.020	$\mu g/1$.
Freon 113	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Hexachtoroburadiene	ND	ND	ND	ND	ND	0.020	μg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	με/۲
Methylene chloride	ND	ND	ND	ND	ND	0.020	$\mu g/I$.
Naphthalene	ND	ND	ND	ND	ND	0.020	$\mu g/I$,
n-Propylbenzene	ND	ND	ND	NO	ND	0.020	$\mu \mathbf{g}/\mathbf{L}$
Styrene	ND	ND	ND	ND	ND	0.020	$\mu g/t$.
1,1,1,2-Tetrachlomethane	ND	ND	ND	ND	ND	0.020	μg $Λ$.
1,1,2.2-Tetrachloroethane	ND	ND	ND	ND	ND.	0.020	μ <u>g</u> /Ι.
Tetrach loroethylene	0.313	2.18	2.22	0.402	3.04	0.020	μg/L
Toluene	ND	ND	ND	ND	ND	0.020	$\mu g/l$.
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	μg/L
1.2.4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	$\mu g/I$.
1,1.1-Trichloroethane	0.286	3,46	0.636	ND	0.378	0.020	μ <u>ε</u> /Ι.
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	μg/L
Trichloroethylene	ND	2.79	1.20	0.046	1.84	0.020	μg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

Report date: 8/2/2011 JEL Ref. No.: B-5193

Client Ref. No.: 7115

Attn:

Al Fuan

Date Sampled: 8/2/2011 Date Received: 8/2/2011

Project:

Universal Fullerton

Project Address:

1551 E. Orangethorpe Ave.

Fullerton, CA

Date Analyzed: 8/2/2011 Physical State: Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample 1D:						Practical	
L-disease	VEW6-15	VEW 6-25'	VEW17-5'	VEW18-5'	SV36-SS	Quantitation	Units
Analytes:						Limit	
Trichlorofluoromethane	ND	ND	V.D	ND	ND	0.020	$\mu \mathbf{g}/\mathbf{L}$
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0,020	μg/L.
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.030	μg/L
1.3.5 Trimethylbenzene	ND	ND	ND	ND	ND	0.020	T/Blif
Vinyl chloride	ND	ND	עא	ND	ND	0.020	μg/L
Xylenes	ND	ND	ND	ND	ND	0.020	μg/L.
MIBE	ND	ND	ND	ND	ND	0.020	μg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	με/Ι.
Di-isopropylether	ND	ND	ND	ND	ND	0.020	με/1.
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	μg/1,
tert-Butyfalcohol	ND	ND	ND	ND	ND	0.100	$\mu g/L$
THE.							
TIC:							
ti-propago1	ND	ND	ND	ND	ND	0.020	րջվ.
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						QC Limi	ts
Dibromofluoromethane	87%	94%	85%	103%	92%	75 - 125	5
Totoene-de	99%	100%	100%	102%	102%	75 - 125	5
4-Bromofluorobenzene	104%	101%	104%	102%	105%	75 - 125	5
	BI-080211-	B2-080211-	B1-080211-	B2-080211-	B1-080211-		

CHECKS_1 CHECKS_1 CHECKS_1 CHECKS_1 CHECKS_1

ND - Not Detected



JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

Al Fuan

Project:

Aftn:

Universal Fullerton

Project Address:

1551 E. Orangethorpe Ave.

Fullerton, CA

Report date: 8/2/2011

JEL Ref. No.: B-5193

Client Ref. No.: 7115

Date Sampled: 8/2/2011

Date Received: 8/2/2011

Date Analyzed: 8/2/2011

Physical State: Soil Gas

Sample 1D:						Practical_	
	SV37-SS	SV42-SS	SV43-SS	SV43-51	SV 43-151	Quantitation	Units
Analytes:						<u>Limit</u>	
Benzene	ND	ND	ND	ND	ND	0.020	μg/L
Bromobenzene	ND	ND	ND	ND	ND.	0.020	μg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Bromoform	ND	ND	ND	ND	NIX	0.020	$\mu \mathbf{g}/\mathbf{I}$.
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	μ g /L
sec-ButyIbenzene	ND	ND	ND	ND	ND	0.020	μ g/1.
tert-Bulylbenzene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Chlorobenzene	ND	ND	ND	ND	ND	0.020	μg/L
Chloroethane	ND	ND	ND	ND	ND	0,020	$\mu g/L$
Chloroform	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Chloromethane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	μ g /L
1-Chlorotoluene	ND	ND	ND	ND	ND	0.020	$\mu g/I$.
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	$\mu \mathbf{g}/\Gamma$.
1,2-Dibromo-3-chloropropane	ND	ND.	ND	ND	ND.	0.020	μg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	μg/L
Dibromomethane	ND	KD.	ND	ND	ND	0.020	$\mu g/L$
1.2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	μ g/L
1.3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
1.4-Dichlorohenzene	ND	ND	ND	ND	ND	0.020	$\mu g/I$.
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	μ g /L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichlorocthane	ND	ND	ND	ND	ND	0.020	μ <u>g</u> /l.
1,1-Dichloroethene	0.050	ND	ND	ND	ND	0.020	$\mu g/L$

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

Report date:

8/2/2011 B-5193

JEL Ref. No.:

Client Ref. No.: 7115

Attn:

Al Fuan

Date Sampled: 8/2/2011

Project:

Universal Fullerton

Project Address: 1551 E. Orangethorpe Ave.

Fullerton, CA

Date Received: 8/2/2011 Date Analyzed: 8/2/2011 Physical State: Soil Gas

Sample ID:						<u>Practical</u>	
	SV37-SS	SV42-SS	SV43-SS	SV43-5'	SV43-15'	Quantitation	Units
Analytes:						Limit	
eis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	μ g/L
trans-1.2-Dichloroethene	ND	ND	ND.	ND	ND	0.020	$\mu g/L$
1,2-Dichloropropane	ND	ND	KD	ND	ND	0.020	μg/L.
1.3-Dichloropropane	ND	ND	ND	ND:	ND	0.020	$\mu g/t$.
2.2-Dichloropropane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
1.1-Dichloropropens	ND	ND	ND	ND	ND	0.020	μ ε /1.
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	$\mu g/1$.
trans-1.3-Dichloropropene	ND	ND	ND	ND	ND	0,020	μg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.020	μ <u>e</u> /L
Freun 113	ND	ND	ND	ND	ND	0.020	µg/L
Hexachlorobujadiene	ND	ND.	ND	ND	ND	0.020	$\mu g/I$.
Isopropylbenzene	ND	ND.	ND	ND	ND	0.020	$\mu g/I$.
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.020	μg/L
Naphthalene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Styrene	ND.	ND	ND	ND	ND	0.020	μ φ /L
1,1,1.2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	μg/L
J.1.2.2-Tetrachtoroethane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Tetrachloroethy lene	0.070	0.361	0.744	0.346	0.102	0.020	μg/L
Taluene	ND	ND	ND	ND	ND	0.020	$\mu g/I$.
1,2.3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	$\mu g/I$.
1.2.4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	$\mu \mathbf{p}/\mathbf{L}$
1,1.1-Trichtoroethane	0.020	ND	ND	ND	ND	0.020	$\mu g/L$
1,1,2-1 richtoroethane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Trichloroethylene	0.549	ND	0.042	0.066	ND	0.020	μ ε /I.

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

Report date:

8/2/2011

JEL Ref. No.: B-5193

Client Ref. No.: 7115

Date Received: 8/2/2011

Attn:

At Fuan

Date Sampled: 8/2/2011

Project:

Universal Fullerton

Date Analyzed: 8/2/2011

Project Address:

1551 E. Orangethorpe Ave.

Physical State: Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:					(*** · · · · · · · · · · · · · · · · · ·	Practical	
	SV37-SS	SV42-SS	SV43-SS	SV43-51	SV43-151	Quantitation	Units
Analytes:						<u>Limit</u>	
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	µg/1.
1.2.3-Trichloropropane	ND	ND	ND	ND	ND	0.020	μ <u>в</u> Л,
1.2,4 Trimethylbenzene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
1.3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	րջ/Ն
Vinyl chloride	ND	ND	ND	ND	ND	0.020	μg/L
Xylenes	ND	ND	ND	ND	ND	0.020	$\mu g/L$
MTBE	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	$\mu \mathbf{z}/L$
Di-isopropylether	ND	ND	ND	ND	ND	0.020	μg/1.
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	Jудц
tert-Butyfalcohol	ND	ND	ND	ND	ND	0.100	μg/L
TIC:							
n-propanol	ND	ND	ND	ND	ND	0.020	μg/1,
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						QC Limi	<u>its</u>
Dibromofluoromethane	99%	92%	100%	101%	96%	75 - 125	5
Toluene-da	101%	100%	9.3%	93%	102%	75 - 125	5
4-Bromofluorobenzene	99%	103%	98%	103%	103%	75 - 125	5
	B2-080211-	B1-080211-	82-080211-	B2-080211+	B1-080211-		

CHECKS_1 CHECKS_1 CHECKS_1 CHECKS_1 CHECKS_1

ND= Not Detected



JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Report date: 8/2/2011

Client Address:

520 West 1st Street Tustin, CA 92780

JEL Ref. No.: B-5193 Client Ref. No.: 7115

Attn:

Al Fuan

Date Sampled: 8/2/2011

Project:

Universal Fullerton

Date Received: 8/2/2011 Date Analyzed: 8/2/2011

Project Address:

1551 E. Orangethorpe Ave.

Physical State: Soil Gas

Fullerton, CA

Sample 1D:	SV43-15'	Practical	
	DUP	Quantitation I	Units
Analytes:	DUF	<u>L.imit</u>	
Benzene	ND	0.020	μg/l,
Bromobenzene	ND	0,020	μg/L
Bromodichloromethane	ND	0.020	μg/1,
Bromoform	ND	0.020	μg/L
n-Butylbenzene	ND	0,020	μg/L
see-Butylbenzene	ND.	0.020	µg/L
tert-Butylbenzene	ND		μg/1,
Carbon tetrachloride	ND	0,020	μg/L
Chlorobenzene	ND	0.020	µg∕L
Chloroethane	ND		µg/1.
Chloroform	ND	0.020	$\mu g/I_{z}$
Chloromethane	ND	0.020	μ ջ /L
2-Chlorotoluene	ND	0,020	μg/L
4-C'hlorotoluene	ND	0.020	μg/I.
Dibromochloromethane	ND	0.020	μg/l.
1.2-Dibromo-3-chloropropane	ND	0.020	μ <u>g</u> /1.
1,2-Dibromoethane (EDB)	ND.		μg/L
Dibrornomethane	ND	0.020	μg/L
1,2- Dichlorobenzene	ND		μg/L
1.3-Dichlorobenzene	ND	0.020	με/1.
1.4-Dichtorohenzene	ND	0.020	μ μ/ Ι,
Dichlorodifluoromethane	ND	0.020	μg/L
1,1-Dichloroethane	ND		μg/L
1,2-Dichloroethane	ND	0.020	μg/L
1,1-Dichloroethene	ND	0.020	μg/l.



JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address;

520 West 1st Street

Tustin, CA 92780

Attn:

Project Address:

Project:

..... II. ID

Al Fuan

Universal Fullerton 1551 E. Orangethorpe Ave.

Fullerton, CA

Report date: 8/2/2011

JEL Ref. No.: B-5193

Client Ref. No.: 7115

Date Sampled: 8/2/2011

Date Received: 8/2/2011 Date Analyzed: 8/2/2011

Physical State: Soil Gas

Sample ID:	SV43-151	Practical.	
	DUP	Quantitation	<u>Hnits</u>
Analytes:		<u>Limit</u>	
cis-1,2-Dichloroethene	ND	0.020	μg/l.
trans-1.2-Dichloroethene	ND	0.020	$\mu g/L$
1.2-Dichloropropane	ND	0.020	μg/L
1.3-Dichloropropane	ND	0.020	µg/L
2.2-Dichtoropropane	ND	0.020	μg/L
1.1-Dichloropropene	ND	0.020	μ g/L
cis-1.3-Dichlaropropene	ND	0.020	µg/L
trans-1,3-Dichloropropenc	ND	0.020	$\mu g/L$
Ethylhenzene	ND	0.020	$\mu g/L$
Freen 113	ND	0.020	$\mu g/L$
Hexachlorobinadiene	ND	0.020	μg/L
Isopropylbenzene	ND	0.020	μ <u>ρ</u> /1.
4-Isopropyltoluene	ND	0.020	$\mu g/I$.
Methylene chloride	ND	0.020	μ <u>ջ</u> /1.
Naphthalene	ND	0.020	μg/L
n-Propylbenzene	ND	0.020	$\mu g/L$
Styrene	ND	0.020	$\mu g/L$
1.1.1.2-Tetrachloroethane	ND	0.020	$\mu g/l$,
1.1,2,2-Tetrachloroethane	ND	0.020	$\mu g/I$.
Tetrachloroethylene	0.094	0.020	$\mu \mathbf{g}/\mathbf{I}$.
Toluene	ND	0.020	μg/1.
1.2.3-Trichlurohenzene	ND	0,020	µg/1.
1.2.4-Trichtorohenzene	ND	0.020	$\mu g/L$
1,1,1-Trichtoroethane	ND	0.020	μg/L
1,1,2-Trichloroethane	ND	0.020	μg/L
Trichloroethylene	ND	0.020	μg/L



JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Report date: 8/2/2011

Client Address:

520 West 1st Street

JEL Ref. No.: B-5193

Tustin, CA 92780

Client Ref. No.: 7115

Attn:

Al Fuan

Date Sampled: 8/2/2011

Project:

Universal Fullerton

Date Received: 8/2/2011 Date Analyzed: 8/2/2011

Project Address:

1551 E. Orangethorpe Avc.

Physical State: Soil Gas

Fullerton, CA

Sample ID:	SV43-15'	Practical Practical	
	DUP	Quantitation Units	
Analytes:	Det	<u>Limit</u>	
Trichlorofluoromethane	ND	0.020 μg/L	
1,2,3-Trichloropropane	ND	0.020 μg/I,	
1.2.4 Trimethylbenzene	ND.	0.020 µg/L	
1.3,5-Trimethy/benzene	ND	0.020 µg/l.	
Vinyl chloride	ND	0.020 µg/l.	
Xylenes	ND	0.020 pg/L	
MIBE	ND	0.020 µg/L	
Ethyl-tert-butylether	ND	0.020 μg/L	
Di-isopropylether	ND	0.020 μg/l.	
tert-amylmethylether	ND	0.020 µg/I.	
tert-Butylalcohol	ND	0.100 yg/L	
TIC:			
	ND	0.020 μg/l,	
n-propagol	NВ	0.020 μg/l,	
Dilution Factor	1		
Surrogate Recoveries:		QC Limits	
Dibromofluoromethane	98%	75 - 125	
Toluene-de	103%	75 - 125	
4-Bromofluorobenzene	101%	75 - 125	
	B1-080211-		
ND Not Detected	CHECKS_1		

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

Attn:

Al Fuan

Project:

Universal Fullerton

Project Address:

1551 E. Orangethorpe Ave.

Fullerton, CA

Report date:

8/2/2011

JEL Ref. No.: B-5193

Client Ref. No.: 7115

Date Sampled: 8/2/2011

Date Received: 8/2/2011 Date Analyzed: 8/2/2011

Physical State: Soil Gas

8/2/2011

Sample ID: Analytes:	METHOD BLANK	AMBIENT AIR	METHOD BLANK	<u>Practical</u> <u>Quantitation</u> <u>Limit</u>	<u>Units</u>
Вергене	ND	ND	ND	0.020	$\mu g/I_{z}$
Bromobenzene	ND	ND	ND	0.020	gg/L
Bromodichloromethane	ND	ND	ND	0,020	μg/L
Bramoform	ND	ND	ND	0.020	μg/L
n-Butylbenzene	ND	ND	ND	0.020	$\mu g/L$
sec-Butylbenzene	ND	ND	ND	0.020	µg/L
tert-Butylhenzene	ND	ND	ND	0.020	$\mu \mathbf{g}/L$
Carbon tetrachloride	ND	ND	ND	0.020	$\mu \mathbf{g}/\Gamma$.
Chlorobenzene	ND	ND	ND	0.020	μg/L
Chloroethane	ND	ND	ND	0.020	με/1.
Chloroform	ND	ND	ND	0.020	μg/I.
Chloromethane	ND	ND	ND	0.020	μg/L
2-Chlorotoluene	ND	ND	ND	0.020	μg/L
4-Chlorotoluene	ND	ND	ND	0.020	μg/l.
Dibromochloromethane	ND	ND	ND	0.020	ag/L
1.2-Dibromo-3-chloropropune	ND	ND	ND	0.020	$\mu g/L$
1,2-Dibromoethane (EDB)	ND	ND	ND	0.020	μg/L
Dibromomethane	ND	ND	ND	0.020	μg/L
1.2- Dichlorohenzene	ND	ND	ND	0.020	µg/L
1.3-Dichlorohenzene	ND	ND	ND	0.020	$\mu g/L$
1,4-Dichlorobenzene	ND	ND	ND	0.020	μg/L
Dichlorodifluoromethane	ND	ND	ND	0.020	$\mu g/L$
1.1-Dichlorocthane	ND	ND	ND	0.020	μg/L
1.2-Dichforoethane	ND	ND	ND	0.020	μg/L
1.1-Dichloroethene	ND	ND	ND	0.020	$\mu g/I$.

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

JEL Ref. No.: Client Ref. No.: 7115

Report date:

8/2/2011

B-5193

Attn:

Al Fuan

Date Sampled: 8/2/2011

Date Received: 8/2/2011

Project:

Universal Fullerton

1551 E. Orangethorpe Ave.

Physical State: Soil Gas

Date Analyzed: 8/2/2011

Project Address:

Fullerton, CA

Sample 1D:	METHOD BLANK	AMBIENT AIR	METHOD BLANK	<u>Practical</u> Quantitation <u>Uni</u>	<u> </u>
Analytes:	DLA.VK	A III	WER. IK	<u>Limit</u>	
cis-1.2-Dichlorouthene	ND	ND	ND	0.020 µg/l	yΙ.
trans-1,2-Dichloroethene	ND	ND	ND	0.020 pg/	
1,2-Dichloropropane	ИD	ND	ND	0.02 0 μg/	A.
1.3-Dichloropropane	ND	ND	ND	0.020 μ g /l	
2.2-Dichloropropane	ND	ND	ND	0.020 μg/0	/L
1.1-Dichloropropene	ND	ND	ND	0.020 μ g /	e/1.
cis-1,3-Dichloropropene	ND	ND	ND	0.020 µg/l	VL
trans-1,3-Dichloropropene	ND	ND	ND	0.020 µg/l	
Ethylbenzene	ND	ND	ND	0.020 μg^{0}	øΊ.
Freon 113	ND	ND	ND	0.020 µg/i	yl.
Hexachlorobutadiene	ND	ND	ND	0.020 μ <u>γ</u> /	ÿΙ.
Isopropylbenzene	ND	ND	ND	0.020 µg/l	yL.
4-Isopropyltoluene	ND	ND	ND	0.020 µg/0	yL.
Methylene chloride	ND	ND	ND	0.020 μ ջ /Ս	ψL.
Nuphthalene	ND	ND	ND	0.020 μg/0	yl.
n-l'ropylbenzene	ND	ND	ND	0,020 ந்தி	gΠ.
Styrene	ND	ND	ND	0.020 برور	øΊ.
1.1,1,2-Fetrachloroethane	ND	ND	SD	0.020 µg/3	yΙ.
1.1.2.2 Tetrachloroethane	ND	ND	ND	0.020 με/λ	
Tetrachlomethylene	ND	ND	ND	0.020 μg/3	ψ1.
Toluene	ИĎ	ND	ND	0.020 µg/3	<u>/</u> 1.
1.2.3-Trichlorobenzene	ND	ND	ND	0.020 μg/i	yΙ.
1.2.4-Trichlorobenzene	ND	ИD	ND	0.020 μg/0	
1,1.1-Trichloroethane	ND	ND.	ND	0.020 μg/0	/L
1,1,2-Trichloroethane	ND	ND	ND	0.020 μg/l	
Trichloroethylene	ND	ND	ND	0.020 µg/l	



JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

JEL Ref. No.: B-5193

Report date:

Client Ref. No.: 7115

Attn:

Al Fuan

Date Sampled: 8/2/2011 Date Received: 8/3/2011

Project:

Universal Fullerton

Project Address:

1551 E. Orangethorpe Ave.

Physical State: Soil Gas

Date Analyzed: 8/2/2011

8/2/2011

Fullcrton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: Analytes:	METHOD BLANK	AMBIENT AJR	METHOD BLANK	<u>Practical</u> <u>Quantitation</u> <u>Units</u> <u>Limit</u>
Trichlorofluoromethane	ND	ND	ND	0.020 μg/L
1.2.3-Trichlompropane	ND	ND	ND	0.020 µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	0,020 µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	0.020 µg/l.
Vinyl chloride	ND	ND	ND	0.020 μg/l.
Xylenes	ND	ND	ND	0,020 µg/L
MTBE	ND	ND	ND	0.020 µg/l.
Ethyl-tert-butylether	ND	ND	ND	0.020 μg/L
Di-isopropylether	ND	ND	ND	0.020 µg/l.
tert-amylmethylether	ND	ND	ND	0.020 µg/L
tert-Butylalcohol	מא	ND	ND	0.100 μg/L
TIC: n-propanol	ND	ND	ND	0,020 µg/L.
Dilution Factor	1	ι	1	
Surrogate Recoveries:				OC Limits
Dibromofluoromethane	79%	100%	80%	75 - 125
Toluene-da	101%	102%	94%	75 - 125
4-Bromoffuorobenzene	106%	104%	93%	75 - 125
	B1-080211-	B1-080211-	B2-080211.	
	CHILDREN .	d		

CHECKS 1 CHECKS_1 CHECKS_1

ND: Not Dejected

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:

The Reynolds Group

Report date: JEL Ref. No.: 8/2/2011 B-5193

Client Address:

520 West 1st Street Tustin, CA 92780

Client Ref. No.:

7115

Atin:

Al Fuan

Date Sampled:

8/2/2011

Project:

Universal Fullerton

Date Received: Date Analyzed: 8/2/2011 8/2/2011

Project Address:

1551 E. Orangethorpe Ave.

Physical State:

Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample Spiked:	Ambient Air		GC#:	B1-080211-CH	ECKS ₁ I	
	MS	MSD		Aeceptability		Acceptability
<u>Parameter</u>	Recovery (%)	Recovery (%)	RPD	Range (%)	LCS	Range (%)
1.1-Dichloroethylene	78%	76%	2.7%	70-130	85%	70-130
Benzene	98%	97%	1.7%	70-130	102%	70-130
Trichluroethylene	9-1%	92%	2.0%	70-130	106%	70-130
Toluene	100%	90%	11.0%	70-130	95%	70-130
Chlorobenzene	97%	94%	2.5%	70-130	102%	70-130
Surrogate Recovery:						
Dibromofluoramethane	91%	98%		75-125	96%	75-125
Toluene-dg	100%	100%		75-125	102%	75-125
4-Bromofhiorobenzene	105%	102%		75-125	95%	75-125

Method Blank 1 Not Detected

MS = Matrix Spike

MSD * Matrix Spike Duplicate

RPD = Relative Percent Difference: Acceptability range for RPD is ≤ 15%

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client: Client Address: The Reynolds Group

520 West 1st Street

Tustin, CA 92780

Report date: JEL Ref. No.: 8/2/2011

Client Ref. No.:

B-5193 7115

Attn:

Al Fuan

Date Sampled: Date Received: 8/2/2011

Project:

Universal Fullerton

Date Analyzed;

8/2/2011 8/2/2011

Project Address:

1551 E. Orangethorpe Ave.

Physical State:

Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS - Oxygenates

Sample Spiked:	Ambient Air		GC#:	B2-080211-CH	ECKS 1	
	MS	MSD		Acceptability		Acceptability
<u>Pstrameter</u>	Recovery (%)	Recovery (%)	RPD	Range (%)	<u>1.CS</u>	Range (%)
1,1-Dichlamethylene	103%	10-1%	0.7%	70-130	118%	70-130
Benzene	103%	100%	3.5%	70-130	108%	70-130
Trichloroethy lene	95%	98%	3.8%	70-130	105%	70-130
Toluene	84%	83%	1.8%	70-130	104%	70-130
Chlorobenzene	85%	86%	1.2%	70-130	95%	70-130
Surrogate Recovery:						
Dibromofluoromethane	91%	107%		75-125	96%	75-125
Toluene-dg	91%	93%		75-125	95%	75-125
4-Bromofhuorobenzene	93%	97%		75-125	999	75-125

Method Blank - Not Detected

MS Matrix Spike

MSD - Matrix Spike Duplicate

RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

JONES ENVIRONMENTAL

P.O. Box 5367 Fullerion, CA 92838 (714) 449-9937 Fax (714) 449-9685 www.jonesenvirennieria/ab.com

Chain-of-Custody Record

Project Name	c.			Date 8/2	6.	SOIL GO Purpe Number 21P C		7D * 1	100			D		JEL Project #
Project Name	OAN	40-		CHant Project		Tracer:		<i>,,</i> ,	1	3	/ / /	sis Requ	/ / /	B-5793
TULCHUTON	Lay very	usqu.		7.0	5	Purpe Rate:	cúmin		18	/_/		//	/ / /	Page 1 of 3
Project Address 1551 R. C	audi-6	Tuesda	AL	1um Around (Requested: hale Attention	0		,	/ 3/	/قس	//	//	c / /	Lab Use (Inly
-			* 1 704	☐ Rush 2	4-48 Hours				N X	7	//	1	°/	Sample Condition
Project Contact	UTU PY	A		☐ Rush 7	'2- 96 Hours I			1 6	13	//	//		/ § /	as Received.
_ A.F.	MA			Q Mobie			/	3	4	//	/ /	4	\$	Sealer Tyes Ino
Sample ID	Purge Number	Purge Valume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	See of	1/4	2 / 10 / 10 / 10 / 10 / 10 / 10 / 10 / 1		1	Aumber	Aemarks/Sp	edial Instructions
VEW3-15 19	1	9267	8/4	07;25		13-5193-	50					1		icus Saurin
VEW3-15 30	3	27801	steln	07:39		6-5193-2	56	x				1		
URW3-15 7P	17	64869	8/W	07:56		B5193.3	56	Х				1		
VEW3.5	1	3022	यम्।	08:32		B-51434	565	X.				1		
VEW 3-25	١	95u5	9/2/11	04:39		13-51935	<u></u> 5&	X				ı		
VEW4-5"	l	9022	8/40	08.5%		B-5193-6	56	x				1		
V6W415	1	9267	stylu	4KP0		15.5193.7	56	χ				ı		
Vary-25	1	9505	styles	09:13	<u></u>	B-5193-8	Ś	×				1		
VKWS-5	1	9022	Archi	09:33	1	13-51934	56	χ			<u>.</u>	1		
VKW6-5.	1	9022	8/40	09:46	<u> </u>	135193-13	56	χ,			<u>L</u>	1		'
Religious beautifu (signature)			Date	2111	Ancoived by	(2) Sp	_			8/2	lu		Total Numi	ber of Containers
Company T.R.G			Tifter	11:25	Company	Ji				Time	55		he delivery of samples	
Relinquished by (signature)			Date		Received by L:	aboratory (signature)	_			Date		T a	his Chain of Custody for authorization to perform above under the Terms a	the analyses specified
Company		-	⊼ime	 	Compilery					Титже			orth on the back hereof.	no sometime sor

JONES ENVIRONMENTAL TESTING LABORATORIES

P.O. Box 5387 Fellerton, CA 92838 (714) 449-9937 Fax (714) 449-9685 www.sonesenvironmentallab.com

Chain-of-Custody Record

Client O O o	<i>(</i>			8/2/		SOIL (Puxge Number: 41P								JEL Project #
THE REYNADS	2M	44		Chlent Projec		Tracer.		72 3	10P	<u></u>	Anaiy:	sis Яеqu /	f / f	14-5197
UNIVERSA	. Fu	Cut 70/	,	7/		Purge Rate: ~2(1)	cc/min		/ 6	7 /	/ /	/	/ / /	
Project Address				Turn Around		- Shut in Test 🕜 / N			13/	\rightarrow	//	/ /		Pege 2 of 3
1551 E. Qu	WOF T	HURPE	AUG	1 —	chate Attention			1	3	*/	/ /	/3	ĝ/ /	Lab Use Only
Fraça	nd /	1			24-48 Hours 72-96 Hours				# 3	7 /		18	/./	Sample Condition as Race yed.
Project Contact		٦		☐ Norm	a [·]			18			//			Chilled Diyes Who
PAF	MAN			A Mapri	la Lab		4	3	Ž	/ /	/ /	\$/	\$	Smaled Jes 100
Sample ID	Purge Number	Pu rg e Volume	Date	Samp's Collection Time	Sample Analysis Time	Laboratory Sample Number	Second Second		S CONTRACTOR OF THE PARTY OF TH	$^{\prime}/$	1	Number Presidente (1783)	Aemarks/Sp	ecial Instructions
VEW 6-15	l	9267	8/4/4	09:53		B 5793-11	ŞĠ				L.	1	1 n_	Ticut Sylinder
VKW 6-25	1	9505	8/2/4	10:43		13-5193-12	56	×				1	.,,	
UKW17-5	<u> </u>	corr	શંપન	15-11		13-5793-13	50	×	\perp		<u> </u>	1		
VKW18-5"	1	9322	8tula	10,24	·	B5193-14	26	×		\perp		ı		
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JONES ENVIRONMENTAL

P.O. Box 5387 Fullerian, CA 92838 (714) 449-9937 Fax (714) 449-9685 seavigomentalish com

Chain-of-Custody Record

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CHAIN OF CUSTODY

County of Orange Health Care Agency Environmental Health Division 1241 E. Oyar Rd., Ste. 120, Santa Ana, CA 92705 Telephone: (714) -33-6000 / FAX: (714) 754-1768

- I, ALL SAMPLES ARE TO BE HANDLED AS COURT EVIDENCE, AND ARE TO BE PROPERLY STORED IN A SECURE LOCATION.
- 2. PLEASE WRITE LEGIBLY.
- 3. ATTACH THIS FORM TO THE <u>ORIGINAL</u> REPORT OF THE ANALYTICAL RESULTS AND RETURN THEM TO THIS OFFICE, LABORATORY RESULTS RECEIVED WITHOUT PROPER CHAIN OF CUSTODY DOCUMENTATION WILL NOT BE ACCEPTED.

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May 21, 2010 (TRG No. 7115)

Mr. Luis Lodrigueza
ORANGE COUNTY HEALTH CARE AGENCY
ENVIRONMENTAL HEALTH
1241 E. Dyer Road Suite 120
Santa Ana, CA 92705-5611



SITE:

FULLERTON BUSINESS PARK NORTH

(FORMER OCHCA #94IC29)

1551 EAST ORANGETHORPE AVENUE

FULLERTON, CALIFORNIA

SUBJECT: SOIL VAPOR REBOUND TEST RESULTS

Dear Mr. Lodrígueza:

As directed in your e-mail dated April 9, 2010, The Reynolds Group (TRG) performed another soil vapor rebound test at the Site on April 27 and 28, 2010, at the subject Site. The soil vapor extraction (SVE) system has been off since March 11, 2010.

TRG collected vapor rebound samples at varying depths from 26 sampling points throughout the Site (see Figure 1 – Site Plan with Probe and Well Locations and Table 1 – Summary of Verification and Rebound Sample Results).

Please review the enclosed results and let me know if we can move forward with verification sampling or if additional remediation is necessary. I can be reached directly at 714-920-9312 (cell) or by e-mail to <u>fuan@reynolds-group.com</u>. Thank you for your assistance with this case.

Sincerely,

THE REYNOLDS GROUP

a California corporation by:

Alejandro Fuan Project Manager

RECEIVED HCA

MAY 26 2010

Attachments:

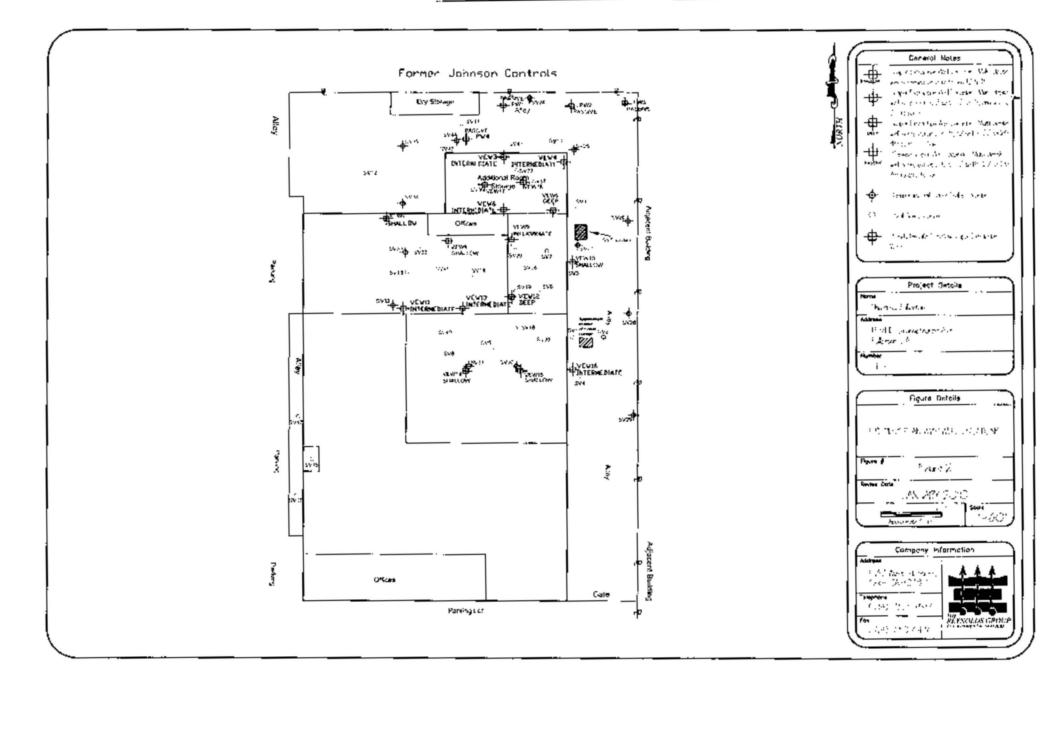
ENVIRONMENTAL HLTH

Table 1 – Summary of Verification/Rebound Sample Results Site Plot Plan with Probe and Well Locations Laboratory Analytical Results from April 27-28, 2010

cc: Dominick Baione, UNIVERSAL MOLDING EXTRUSION COMPANY c/o

James McFadden, GRUBB & ELLIS

Jack Glaser, GLASER, TONSICH & ASSOCIATES, LLP



1 4 HI, & 2

SUSPENDED OF CORPUSION, REPORT OF COMPLETED STATES.

14.KH1. 2010

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Jones Environmental, Inc.

Testing Laboratories

P.O. Box 5387 . Fullerton, CA 92838 (714) 449-9937 • FAX (714) 449-9685

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

P.O. Box 1996

Tustin, CA 92681-1996

Attn:

Alejandro Fuan

Project:

Fullerton Universal

Project Address:

1551 E. Orangethorpe

Fullerion, CA

Report date:

4/27/2010

JEL Ref. No.:

B-4999

Client Ref. No.:

7115

Date Sampled:

4/27/2010

Date Received: Date Analyzed: 4/27/2010 4/27/2010

Physical State:

Soil Gas

ANALYSES REQUESTED

1. EPA 8260B- Volatile Organics by GC/MS - Oxygenates

Sampling - Soil Gas samples are collected in glass gas-tight syringes equipped with Teflon plungers. Tubing placed in the ground for soil gas sampling is purged three different times as recommended by DTSC/RWQCB regulations. This purge test determines how many purges of the soil gas tubing are needed throughout the project. Onc, three and seven purge volumes were analyzed to make this determination.

A tracer gas, n-Propanol, was placed at the tubing-surface interface before sampling. This compound is analyzed during the 8260B analytical run to determine if there are surface leaks into the subsurface due to improper installation of the probe. No n-Propanol was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min except when noted differently on the chain of custody record using a gas tight syringe. 3 purge volumes were used since this purging level gave the highest results for the compound(s) of greatest interest.

Analytical - Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWOCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Ambient Air Blanks are analyzed every 12 hours as prescribed by the method. In addition, Matrix Spike (MS) and Matrix Spike Duplicates (MSD) are analyzed with each batch of Soil Gas samples. A duplicate sample is analyzed each day of the sampling activity.

All samples were analyzed within 30 minutes of sampling.

Approval:

Sleve Jones, Ph D. Laboratory Manager

1.0 No. 5387 • Following CA 9750.
4 No. 199 (A. 54 F. A. C.) (A. 54 F. 5

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

P.O. Box 1996

Tustin, CA 92681-1996

Attn:

Alejandro Fuan

Project:

Fullerton Universal

Project Address:

1551 E. Orangethorpe

Fullerton, CA

Report date: 4/27/2010 JEL Ref. No.: 8-4999 Client Ref. No.: 7115

ata Samuladi 1:27:20

Date Sampled: 4/27/2010 Date Received: 4/27/2010 Date Analyzed: 4/27/2010

Physical State: Soil Gas

Sample ID;						Practical	
	SV30-5	SV30-15	SV31-5	SV31-15	SV38-SS	Quantitation	Units
Analytes:						Limit	
Benzene	V.D	ND	ND	ND	ND	0.020	pg/L
Biomobenzene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Bromodichloremethane	ND	טא	ND	ND	ND.	0.020	μ g/1.
Bromoform	ND	ND	ND.	ND	ND.	0.020	pg.[.
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	رانوبر
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	$\mu g/1$.
tert-Buty/benzene	ND	ND	ND	ND	ND	0.020	μg 7.
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	ugʻl.
Chlorobenzene	ND	ND	ND.	N.D.	ND	0.020	$\mu g/L$
Chloroet/cane	ND	ND	ND	ND.	ND	0.020	μg1.
Chloroform	מא	ND	ND	V.D	ND	0.020	μ <u>ο</u> Τ.
Chloromethane	ND	ND	ND	N.D	ND	0.020	րց է
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	րց է
4-Chlorotoluene	NO.	ND	ND	ND	ND	0.020	$\mu g/L$
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	jig-1.
1,2-Dibronto-3-chloropropane	ND.	ND	ND	ND	N.D.	0.020	μg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	N.D	0.020	µg1.
Dibromomethane	ND	ND	ND	SIN	ND	0.020	. ا چور
1.2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	ug L
1,3-Dichforobenzene	ND	ND	ND	ND	טא	0.020	pg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	µg/1.
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	ug.L
1.1-Dichtoroethane	ND	ND.	ND	ND	ND	0.020	ng L
1,2-Dichloroethane	ND	ND	N:D	ND	ND	0.020	րք է
1,1-Dichloroethene	ND	0.360	ND	ND	0.941	0.020	μ <u>ε</u> 1.

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Client Address:

The Reynolds Group

P.O. Box 1996

Tustin, CA 92681-1996

Report date: JEL, Ref. No.: Client Ref. No.: 7115

4/27/2010 B-4999

Attn:

Alejandro Fuan

Date Sampled: 4/27,2010 Date Received: 4/27/2010

Project:

Futterton Universal 1551 E. Orangethorpe Date Analyzed: 4/27/2010 Physical State: Soil Gas

Project Address:

Fullerton, CA

Sample ID:						Practical	
	SV30-5	SV30-15	SV31-5	SV31-15	SV38-SS	Quantitation	Units
Analytes:						t.imit	
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	$\mu g A$
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	μ <u>ε</u> /1.
1,2-Dichloropropane	ND	ND	ND	ND	ND.	0.020	μg.L.
1,3-Dichloropropane	ND	מא	ND	ND	ND	0.020	μg t.
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	<u>թբ.</u> լ.
1.1-Dichloropropene	ND	ND	ND	טא	ND	0.020	μ <u>e</u> / .
cis-1.3-Dichlaropropene	V.D	ND	ND	ND	ND	0.020	μg I.
trans-1,3-Dichloropropene	ND	ND	ND	ND	Z.D	0.020	pg I.
Ethylbenzene	CIN	ND	ND	ND	ND	0.020	µg, t.
Freen 113	ND	ND	ND	ND	ND	0.020	μg/T
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	ng/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	ngt.
4-Isopropyltoluene	ND	טא	ND	ND	ND	0.020	рgТ.
Methylene chloride	ND	ND	ND	מא	ND	0.020	րջ-Ն
Naphthalene	ND	ND	ИD	ND	ND	0.020	μg.f,
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	ng t.
Styrene	ND	ND	ND	ND	ND	0.020	μg L
1,1.1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg.1.
1.1,2.2-Tetrachloroethane	ND	ND.	ND	ND	ND	0.020	րջ :
Tetrachloroethylene	ND	0.446	Z:D	0.354	0.198	0.020	μg L
Toluene	ND	ZD	ND	ND	ND	0.920	μg1.
1.2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	μg.1.
1,2,4-Trichtorobenzene	ND	ND	ND	7.0	ND	0.020	ug/L
1,1,1- Frichloroethane	ND	1.06	ND.	ND	9.55	0.020	$\mu g/L$
1,1,2-Trichloroethane	ND	\D	ND	ИD	ND	0.020	μg/L
Prichloroethylene	ZD	1.35	ND	0.570	0.618	0.020	µg 1.

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Client Address:

The Reynolds Group

P.O. Box 1996

Tustin, CA 92681-1996

Report date: 4/27/2010 JEL Ref. No.: B-4999 Client Ref. No.: 7115

Attn:

Alejandro Fuan

Fullerton, CA

Date Sampled: 4/27/2010 Date Received: 4/27/2010

Project:

Fullerton Universal 1551 E. Orangethorpe Date Analyzed: 4/27/2010 Physical State: Soil Gas

Project Address:

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:						Practical	
	SV30-5	SV30-15	SV31-5	SV31-15	SV38-SS	Quantitation	Units
Analytes:						<u>Limit</u>	
Trichlorofluoromethane	V:D	ND	ZD	ND	7.0	0.020	րբև
1,2,3-Trichloropropane	ND	2.0	ND	ND	ND	0.020	றது L
1,2,4-Trimethylbenzene	N/D	ZD	ND	ND	ND.	0.020	pg f
1.3.5 Trimethylbenzene	20	ND.	ND	ND	ND	0.020	µg∙l.
Vinyt chloride	ND	ND	ND	ND	ND	0.020	μ <u>α</u> 4.
Nylenes	ND	ND	ND	ND	ND	0.020	μ g/1 .
VLLBE	ND	ND	ND	ND	ND	0.020	μg T.
Ethyl-tert-butylether	//D	ND	ND	ND	ND	0.020	աջվ.
Di-isopropylether	ND	ND	ND	ND	,ND	0.020	μg.1.
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	μg-1.
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	μg Γ.
TIC:							
n-Propanol	ND	ИD	ND.	ND	ND.	0.020	pg.1.
Dilution Factor	t	ί	1	1	1		
Surrogate Recovery:						QC Limi	its
Dibromofluoromethage	96%	103%	98%	109%	++	75 - 125	3
Toluene-d _a	97%	100%	100%	97%	100%	75 - 125	
4-Bromofluorobenzene	984 a	102%	97%	103%	87%	75 - 125	i
	B2-042710-	B2-042710-	B2-042710-	B1-042710-	B2-042710-		
	Churry 1	CHECKE 1	CHECKET	CHECKS 1	CHECKS I		

CHECKS 1 CHECKS 1 CHECKS 1 CHECKS 1

ND- Not Detected

^{♦♦ =} Analyte concentration prevents adequate surrogate recovery

P.O. Car. 50a for Vellegrap J. C. C. O'Nath TOTAL STREET, STANFOLD BERNELLINGS AND

JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Client Address:

The Reynolds Group

P.O. Box 1996

Tustin, CA 92681-1996

Report date: 4:27/2010 JEL Ref. No.: B-4999 Client Ref. No.: 7118

Attn:

Alejandro Fuan

Date Sampled: 4/27/2010 Date Received: 4/27/2010

Project:

Fullerton Universal 1551 E. Orangethorpe Date Analyzed: 4/27/2010 Physical State: Soil Gas

Project Address:

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample II):						Practical	
	SV37-SS	SV36-SS	SV32-5	SV 32-15	SV33-5	Quantitation	Units
Analytes:						<u>Limit</u>	
Велгено	ND	ND	ND	ND	ND	0.020	pg/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	pg/L
Bremodichloromethane	ND	מא	ND	ND	ND.	0.020	μg/L
Bromoform	ND	∠ D	ND	ND	ND	0.020	μg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	μ <u>ε</u> 1.
see-Butylbenzene	ND	ND	ND	N.D	ND	0.020	μ <u>α</u> : ξ.
tert-Butylbenzene	ND	ND	מא	ND	ND	0.020	րց Լ.
Carbon tetrachloride	ND	ND	CIN	ND.	N/D	0.020	ìιδ.Γ
Chlorobenzene	ND	ND	>D	ND	ND	0.020	րբե
Chloroethane	ND	ND	ND	ND	ND	0.020	μg/L
Chloroform	טא	ND	ND	ND	ND	0.020	$\mu g/L$
Chloromethane	N/D	ND	ND.	Z/D	ND	0.020	μg1.
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	μ <u>ε</u> ·1.
4-Chlarotolpene	ND	ND	U/D	ND	ND	0.020	pg.T.
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	μց/Լ.
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	μg. C
1,2-Dibromoethane (EDB)	ND	ZD	ND	ND	ND	0.020	μg/L
Dibromomethane	ND	ND	ND	ND	ND	0.020	μg I.
1,2- Dichlorobenzene	N.D	ND	ND	ND.	ND	0.020	μg 1.
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	μg·[.
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	μget_{c}
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	μg/L
1,2-Dichloroethane	ND	7.13	ND	ND	ND	0.020	րջ.1.
E.1-Dichloroethene	1.18	0.527	NO	ND	ND.	0.020	μg·I.

ND "Not Detected

PAGE Fox 5567 + Policiton, CA 92876 1914: ***Anstell VV.7(Andae)a.t.

JONES ENVIRONMENTAL LABORATORY RESULTS

Client;

The Reynolds Group

P.O. Box 1996

Tustin, CA 92681-1996

Report date: 4:27 2010 JEL Ref. No.: B-4999 Client Ref. No.: 7115

Attn:

Alejandro Fuan

Date Sampled: 4 27:2010 Date Received: 4/27/2010

Project:

Fullerton Universal 1551 E. Orangethorpe

Physical State: Soil Gas

Date Analyzed: 4/27 2010

Project Address:

Client Address:

Fullerton, CA

Sample 10;						Practical	
	SV37-88	SV36-SS	SV32-5	SV32-15	SV33-5	Quantitation	Units
Analytes:						<u>Limits</u>	
cis-1,2-Dichkroethene	ND	N.D	ND	ND	ND	0.020	μg/L
trans-1.2-Dichlorgethene	ND	ND	NO	ND	ZD.	0.020	μg L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
1,3-Dichloropropane	ND	ND.	ND	ND.	ND	0.020	$\mu g/L$
2,2-Dichloropropane	ND.	ND	ND	ND	ND	0.020	μ g /1.
1,1-Dichtoropropene	ND.	ND	ND	ND	ND.	0.020	μg/L
cis-1,3-Dichloropropene	ND	ND	7/13	ND	ND.	0.020	μg·L.
trans-1,3-Dichloropropene	NO	ND	ND	ND	ND	0.020	$\mu g T_c$
Ethylbenzene	ND	ND	ND	ND	ND	0.020	ng-L
Freon 113	ND	N.D	ND	ND	ND	0.020	μց/ե.
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	µg, L
Isopropylbenzene	ND.	ND	ND	NO	ND	0.020	ng-L
4-Isopropyltoluene	ND	ND	ND	ND	ND.	0.020	$pg\cdot L$
Methylene chloride	ND	ND	ND	ND	ND	0.020	μg.1.
Naphthalene	ND	ND	ND	ND	ND	0.020	μg/1.
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Styrene	ND	N.D.	ND	ND	N.D	0.020	µg/L
1,1,1,2-Tetrachloroethane	ND	טא	ND.	ND	ND.	0.020	ugri
1.1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0,020	μg L
Tetrachloroethylene	0.933	9.87	ND	0.115	ND	0.020	pg-1
Toluene	ND	ND	ND	ND	ND	0.020	μg 1.
1.2.3-Trichtorobenzene	ND	20	ND	ND	ND	0.020	$\mu g/1$.
1,2,4-l'richlorobenzene	ND	ND	ND	ND	7.0	0.020	$ m \mu g f$.
1.1,1-Trichloroethane	0.443	1.38	ZD	ND	/.D	0.020	μg T.
1.1.2-Trichleroethane	ND	ND	7/12	ND	ND	0.920	μg/L
Trichloroethylene	1.67	12.5	ND	ND	ND	0.020	րցե

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

Client Address:

The Reynolds Group

P.O. Box 1996

Tustin, CA 92681-1996

Report date: 4/27/2010 JEL Ref. No.:

Date Analyzed: 4/27/2010

B-4999 Client Ref. No.: 7115

Atta:

Alejandro Fuan

Date Sampled: 4 27 2010 Date Received: 4:27:2010

Project:

Project Address:

Fullerton Universal 1551 E. Orangethorpe

Physical State: Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV37-8S	SV36-SS	SV32-5	SV32-15	SV33-5	Practical Quantitation	Units
Analytes:						Limits	
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
1,2,3-Triehloropropane	ND	ND	ND	ND	ND	0.020	pg L
1.2,4-Trimethylbenzene	V,D	ND	ND	ND	ND.	0.020	$\mu g L$
1.3,5-Trimethythenzene	ND	ND	ND	ND	ND	0.020	μg L
Vinyl chloride	ND	ND	ND.	ND	ND	0.020	$\mu g_i 1$.
Xylenes	ND	ND	ND	ND	ND	0.020	gg.L
MTBE	ND	ND	ND	ND	7.15	0.020	μg L
Ethyl-ten-butylether	ND	ND	ND	ND	ND	0.020	μg 1.
Di-isopropylether	ND.	ND	ND	מא	ND	0.020	μg.1.
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	nget.
tert-Butylalcohol	N'D	ZD.	ZD	ND	ИD	0.100	μg·1.
TIC:							
n-Propanol	ND	ND	ND	ND	ND	0.020	μg.1.
Dilution Factor	1	1	1	ı	ŧ		
Surrogate Recoveries:						QC Limi	ts
Dibromofluoromethane	102%	100%	105%	106%	102%	75 - 125	
Toluene-d ₈	99%	80.6	102%	104%	30	75 - 125	
4-Bromofluorobenzene	83%	94%	99%	102%	101%	75 - 125	

B2-042710- B1-042710- B2-042710- B2-042710- B2-042710-CHECKS 1 CHECKS 1 CHECKS 1 CHECKS 1

ND- Not Detected

(71) To \$38 ** Fallerine CA \$2538 (71), 12-5-33 ** FANA ** (1) (1978)

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address: P.O. Box 1996

Tustin, CA 92681-1996

Attn:

Alejandro Fuan

Project:

Project Address:

Fullerton Universal 1551 F. Orangethorpe

Fullerton, CA

Report date: 4/27/2010 JEU Ref. No.: B-4999

Client Ref. No.: 7115

Date Sampled: 4/27/2010 Date Received: 4/27/2010

Date Analyzed: 4/27/2010 Physical State: Soil Gas

Sample 1D:						Practical	
	SV33-15	SV41-SS	SV40-SS	SV39-SS	SV42-SS	Quantitation	Units
Analytes:						<u>Limit</u>	
Benzene	ND	ND	טא	ND	ND	0.020	pg/L
Bromobenzene	ND	ND	ND	ND	ND	0.026	րջև
Bromodichloromethane	ND	ND	/D	ND	ND	0.020	μ g-4.
Bromoform	ND.	ND	NO	ND	ND	0.020	$\mu g/L$
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	its r
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	րցե
tert-Butylhenzene	ND	ND	ND	ND	ND	0.020	րց Լ
Carbon tetrachloride	ND	/D	ND	ND	ND	0.020	μg. L
Chlorobenzene	ND.	ND	ND	ND	ND	0.020	μg1.
Chloroethane	ND	ND	ND	ND	ND.	0.020	$\mu g/t$.
Chloroform	ND	ND	ND	ND	ND	0.020	pg/L
Chloromethane	V.D	ND	ND.	ND	ND.	0.020	ug-L
2-Chlorotolucne	2D	ND	ND	ND	ND	0.020	$\mu g/L$
4-Chloreteluene	ND	ND	ND	ND	ND	0.020	168 F
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	μg/L
1,2-Dibromo-3-chloropropane	V.D	ND	ND	ND	ND	0.020	µg/L
1,2-Dibromocthane (EDB)	ND	ND	ND	ND	ND	0.0.0	μg:1.
Dibromomethane	ND	ND	ND	ND	ND	0.020	յւ <u>ջ</u> .1.
1.2- Dichkrobenzene	ND	ND	ND	ND	ND	0.020	ug I.
t,3-Dichlorobenzene	ND	ND	ND	ND	7.0	0.020	pg/L
1,4-Dichlorobenzene	ND	ND	ND.	ND	ND	0.020	μg/1.
Dichforodifluoromethane	ND	ND	ND	ND	ND.	0.020	ւթյե
1,1-Dichloroethane	ND	ND	ND	ND	(14)	0.020	μg.L
1.2-Dichloroethane	ND	ND	2.0	ND	70	0.020	μg/f.
1.1-Dichloroethene	ND	0.060	ND	0.684	ND	0.020	$\mu g/L$

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Client Address: The Reynolds Group

P.O. Box 1996

Tustin, CA 92681-1996

Report date: 4.27:2010 JEL Ref. No.:

B-4999 Client Ref. No.: 7115

Attn:

Alejandro Fuan

Date Sampled: 40295

Project:

Date Received: 4:27/2010 Date Analyzed: 4/27/2010

Project Address:

Fullerton Universal 1551 E. Orangethorpe

Physical State: Soil Gas

Fullerton, CA

EPA 8260D-Volatile Organics by GC/MS + Oxygenates

Sample ID:						Practical	
	SV33-15	SV41-SS	SV40-SS	SV39-SS	SV42-8S	Quantitation	Units
Analytes:						Limit	
cis-1,2-Dichloroethene	מא	ND.	ND	ND	ND	0.020	րջ ե
trans-1,2-Dichloroethene	ND	ND	ND	ZD	ND	0.020	μg.T.
1,2-Dichloroptopane	ND	טא	ND	ND	ND	0.020	ug 7.
1.3-Dichloropropane	ND	N.D	ND	ND	ND	0.020	μg/L
1.2-Dichleropropane	ND	ZD	ND	ND	ND	0.020	pg/L
1.1-Dichloropropene	ND	ND	SD	ND	ND	0.020	$\mu y J$.
eis-1,3-Dichleropropene	ND	ND	ND	ND	ND	0.020	μg/l.
trans-1,3-Dichloroptopene	ND	ND	ND	ND	ND	0.020	μg·T.
lithylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND.	ND	ND	ND	0.020	μg·L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	pg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	pg/U
4-IsopropyHoluene	ND	ND	NO	ND	NO	0.020	μg·I.
Methylene chloride	ND	ND	ND	ND	ND	0.020	μg/L
Napluhalene	ND	ND	ND	ND	ND	0.020	μg·l.
n-Propylbenzene	ND	ND	N.D.	Z.D	ND	0.020	μg·1.
Styrene	ND.	ND	ND	ND	טא	0.020	Tell.
1,1.1,2-Tetrachloroethane	NI)	ND	ND	ND	//D	0.020	ng/L
1,1,2,2-Tetrachforoethane	ND	ND	ND	ND	ND	0.020	μg/L
Tetrachtoroethylene	ND	ND	0.368	1.69	0.805	0.020	μg. L
Toluene	ZD	ND	ND	ND	ND	0.020	μ g T_c
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	μg·I.
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND.	0.020	pg/L
1,1,1-Trichloroethane	ND	ND	0.133	1.68	ND	0.020	ggd.
1.1.2-Trichloroethme	ND	ND.	ND.	P,D	ND	0.020	μg·L
Trichloroethylene	ND	0.058	0.395	3.52	0.110	0.020	$\mu g/\mathbf{L}$

ND= Not Detected

THE SALESMAN FOR HIS CARNES Long Commercial Contractions in the Contraction of the Contraction of

JONES ENVIRONMENTA). LABORATORY RESULTS

Client:

Client Address:

The Reynolds Group

P.O. Box 1996

Tustin, CA 92681-1996

Report date: 4/27/2010 JEL, Ref. No.: B-4999 Client Ref. No.: 7115

Attn:

Afejandro Fuan

Date Sampled: 4/27/2010 Date Received: 4/27/2010

Project:

Project Address:

Fullerton Universal 1551 E. Orangethorpe

Fullerton, CA

Date Analyzed: 4/27/2010 Physical State: Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:						Practical	
	SV33-15	SV41-SS	SV49-SS	SV39-SS	SV42-SS	Quantifation	Units
Analytes:						Limit	
Trichlorofluoromethane	ND	ND	ON	ND	ND	0.020	$\mu g/l$
1,2,3-Trichkoropropane	ND	ND	ND	ND	ND	0.020	րջ 1.
1,2,4-Trimethylbenzene	CIN	ND	ND	ND	ND	0.020	ng.T.
1,3,5-Trimethylbenzenc	ND	ND	ND	ND	ND	0.020	$\mu g T$
Vinyl chloride	ND	ND	ND.	ND	ND	0.020	μg1.
Xylenes	ND	ND	ND	ИD	ND	0.020	gg/L
MTBE	ND	ND	ND	NO	ND	0.020	μg T.
Ethyl-tert-butylethet	ND	ND	ND	ND.	ND	0.020	pg 1.
Di-isopropylether	ND	ND	SD	ND	ND	0.020	$\mu g/L$
terr-anylmethylether	ND	ND	ND	ND	ND	0.020	μg/L
tert-Butylalcohol	ND	ND	ND	Z.D	ND	0.100	μg/L
ric:							
n-Propanol	ND	ND	ND	ND	ND	0.020	μg L
Dilution Factor	1	t	1	ı	1		
Surragate Recoveries:						QC Lim	its
Dibromotluoromethane	105%	108%	107%	96%	107%	75 - 12:	5
Toluene-d,	101%	9835	98%	101%	99%	75 - 12;	5
4-Bromofluorobenzene	95%	93%	78%	94%	92%	75 - 12:	5
	1.5						

B2-042710- B2-042710- B2-042710- B2-042710- B2-042710-CHECKS I CHECKS I CHECKS I CHECKS I

ND - Not Detected

P.O. Box 5397 • Pattern J. UA 92-039

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

Project Address:

P.O. Bux 1996

Tustin, CA 92681-1996

Attn:

Alejandro Fuan

Project:

Fullerton Universal 1551 E. Orangethorpe

Fullerton, CA

Report date: 4/27/2010 JEL Ref. No.: B-4999 Client Ref. No.: 7115

Date Sampled: 4/27/2010 Date Received: 4/27/2010

Date Analyzed: 4/27/2010 Physical State: Soil Gas

Sample 10;						Practical	
	VEW9-15	VEW9-25	VEW12-15	VEW12-25	VEW16-5	Quantitation	Units
Analytes:						Limit	
Benzene	ND	ND	ND	ND	CIN	0.020	μ <u>o</u> l.
Bromabenzene	ND	ИD	ND	ND	ND.	0.020	μg4.
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	μg/l.
Broinoforni	ND	ND	ND	ND	ND.	0.020	$\mu \leq 1$.
n-Hutylbenzene	ND	ND	ND	ND	ND	0.020	μg¶.
see-Budylbenzene	ND	טא	ND	ND	ND	0.020	μg.T.
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
Carbon tetrachloride	ND	/,D	ND.	ND	ND	0.020	μg1.
Chlorobenzene	ND	Z.D.	ND	ND	ND	0.020	μg1.
Chloroethane	ND	ND	ND	ZD.	CIN	0.020	$ m pg T_{*}$
Chloroforn	ND	מא	ND	ND	ND	0.020	μg/L
Chloromethane	ND.	ND	ND	ND	ND	0.020	ug/l.
2-Chlorotoluene	ND	ND	ND	ND	N.D	0.020	µg/1,
4-Chlorotoluene	ND.	ND	ND.	ND	ND	0.020	ng/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	μg/L.
1.2-Dibromo-3-chloropropane	ND	ND	ND.	ND	ND.	0.020	µg/L
1,2-Dibromoethane (FDB)	ND	N.D	ND	ND	ND.	0.020	µg/L
Dibromomethane	ND	Z.D	ND	ND	ND	0.020	μg L
1.2- Dichlorobenzene	ND	ND	ND	ND.	ND.	0.020	дg41.
1,3-Dichlerobenzene	ИD	ND	ND	ND	מא	0.020	րջ/1.
1.4-Dichlorobenzenc	ND	ND	ND	ND	ND	0.020	μg/L
Dichloroditleoromethane	ND	ND	ND	ND	ND.	0.020	µg/L
1,1-Dichforoethane	ND	ND	ND	ND	ND	0.020	μg-L.
1.2-Dichtoroethane	ND	ND	ND	ND	ND	0.020	μg L
1,1-Dichloroethene	0.588	ND	0.648	0.477	ZD	0.020	μg.L.

P.O. Co., 5357 • Fall often, CA 97818 1714 175-988 FAN (1) of 1489-88

JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Client Address: The Reynolds Group

P.O. Box 1996

Tustin, CA 92681-1996

Report date: 4.27/2010 JEL Ref. No.: 13 - 4999Client Ref. No.: 7115

Aftn:

Alejandro Fuan

Date Sampled: 4/27/2010 Date Received: 4/27/2010

Project:

Project Address:

Fullerton Universal 1551 E. Orangethorpe

Date Analyzed: 4/27/2010 Physical State: Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:						Practical	
	VEW9-15	VEW 9-25	VEW12-15	VEW12-25	VEW16-5	Quantitation	Units
Analytes:						1.imit	
cis-1,2-Dichlorgethene	ND	ND	ND	ND	ND	0.020	աց 1.
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	ng L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	mg L
1,3-Dichlotopropano	ND	ND	ND	ND	ND.	0.020	મૂછ્યા.
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	μg T.
1.1-Dichloropropene	מא	ND	ND	N:D	ND	0.020	μ⊈վ.
cis-1.3-Dichloropropene	N.D	ND	ND	N.D	ND	0.020	μ <u>ց</u> Ι.
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	μεd.
Ethylbenzene	ND	ND	ND	N.D	ND	0.020	μgΊ.
Freen 113	N.D	ND	N:D	ND	ND.	0.020	$\mu g L$
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	րք 1.
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	μgT.
4-Isopropyltoluene	ND	ND	ND	ND	×D	0.020	μş.L.
Methylene chloride	ND	ND	J.D	ND	ND.	0.020	$\mu g/U$
Naphthalene	ND	ND	7.D	ND	ND	0.020	net
n-Propythenzene	ND	ND	ND	ND	ND	0.020	ոջ 1.
Styrene	ND	ND	ND	ND	ND	0.020	$\mu g T_*$
1,1,1,2-Tetrachloroethane	ND	ND.	>D	ND	ND	0.020	ng L
1.1,2.2-Tetrachloroethane	N:D	ND	ND	ND	ND	0.020	μg1.
Letrachloroethylene	ND	ND	ND	5.51	0.570	0.020	$\mu g T$.
Toluene	ND	ND	ND	ND	ND	0.020	μg1.
1,2,3-Trichlorebenzene	ND	CIN:	ND.	N.D.	ND	0.020	րք Ե
1,2,4-Trichlorobenzene	ND	ND	ND	ND.	ND	0.020	μgT .
1,1,1-Trichloroethane	4.84	1,96	2.03	6.14	ND	0.020	$\mu g T$.
1.1,2-Trichloroethane	ND	ND	ND	ND	טא	0.020	μg L
Trichloroethylene	0.65	0.307	2.40	3.62	ND	0.020	μ χ L

ND: Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Client Address:

The Reynolds Group

P.O. Box 1996

Tustin, CA 92681-1996

Report date: 4/27/2010 JEL Ref. No.: B-4999

Client Ref. No.: 7115

Aftn:

Alejandro Fuan

Date Sampled: 4/27/2010 Date Received: 4/27/2010

Project:

Fullerton Universal

1557 E. Orangethorpe

Physical State: Soil Gas

Date Analyzed: 4/27/2010

Project Address:

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:						<u>Practical</u>	
	VEW9-15	VEW9-25	VEW12-15	VEW12-25	VEW16-5	Quantitation	Units
Analytes:						<u>Limit</u>	
Prichlorofluoromethane	ND	ZD	ND	ND	ND.	0.020	pg.L
1,2,3-Trichloropropane	ND	ND.	ND	ND	ND	0.020	ag L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
1,3,5-Trimethylbenzene	ND	ND.	ND	CIN	ND	0.020	μg/1.
Vinyl chloride	ND	ND	מא	ND	ND.	0.020	$\mu g/L$
Xylenes	ND	ND	ND	ND	ND	0.020	$\mu g. L$
MIBE	ND	ND	ND	ND	ND	0.020	$\mu g t L$
Ethyl-tert-butylether	ND	ND	ND	NE	ND	0.020	pg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	$\mu g/L$
tert-amylmethylether	Z.D	ND	ND	ND	ND	0.020	$\mu g/1$.
tert-Butylalcohol	ND	אט	ND	ND	N.D.	0.100	pgt
TIC:							
n-Propanel	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Dilution Factor	1	ι	1	1	1		
Surrogate Recoveries:						QC Limi	ts
Dibromofineromethane	111%	101%	102%	104%	108%	75 - 125	
Toluene-ds	102%	17.16.0	9940	99%	97%	75 - 125	
4-Bromofluorobenzene	95%	999a	106% ա	106%	106% ii	75 - 125	
	B1-047710-	B1-0-0710-	R1_0J2710.	B1-042710	B.L-0/12710-		

B1-042710- B1-042710- B1-042710- B1-042710- B1-042710-CHECKS 1 CHECKS 1 CHECKS 1 CHECKS 1 CHECKS 1

ND" Not Detected

1500 No. 5380 + Poller BAC 5 928 N. platation Safah (Dinawsta)

JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Client Address: The Reynolds Group

P.O. Box 1996

Tustin, CA 92681-1996

Report date: JEL Ref. No.: B-4999

4/27/2010

Client Ref. No.: 7115

Attn:

Alejandro Fuan

Date Sampled: 4/27/2010 Date Received: 4/27/2010

Project;

Fullerton Universal 1551 E. Orangethorpe Date Analyzed: 4/27/2010 Physical State: Soil Gas

Project Address:

Fullerton, CA

Sample JD:						Practical	
	VEW16-15	VEW16-25	VEW5-5	VEW4-5	VEW6-5	Quantifation	Units
Analytes:						<u>Limit</u>	
Benzene	ND	ND	ND	ND	ND	0.020	$\mu g L$
Bromobenzene	Z.D.	ND	טא	איט	:ND	0.020	μ <u>υ</u> Ί.
Bromodichloromethane	ND.	ND	ND	ZD	ND	0.020	pet
Bromoform	ND	ND	ND	213	ND	0.020	ug-L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
sec-Butylbenzene	ND	ND	ND.	N.D	ND	0.020	$\mu g/L$
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	μg.L.
Curbon tetrachloride	CO	ND	ND	ND	ND	0.020	$\mu g A$.
Chlorobenzene	ND	ND	ND	ND	ND	0.020	μg·L.
Chloroethane	ND	ND	ND	ND	ND	0.020	μg L
Chloreform	ND	ND	ND	ND	ND	0.020	րք 1.
Chloromethane	ND.	ND	ND	ND	ND	0.020	$\mu g/L$
2-Chlorotaluene	ND	ND	ND	ND	ND.	0.020	ug/1.
4-Chlorotoluene	ND	ND	ND	ND.	ND	0.020	μg4.
Dibremechloromethane	ND	NO	ND	ND	ND	0.020	μg/L
1.2-Dibromo-3-chloropropane	ND	N.D.	ND	ND	ND	0.020	મહા.
1,2-Dibromoethane (FDB)	ND	ND	ND	ND	ND	0.020	$\mu g/1$.
Dibromomethane	ND	ND	ND	ND	ND	0.020	μg/L
1.2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	μψ1.
1,3-Dichlurobenzene	ND	เวห	MD	Z/D	ND	0.020	րջ/1.
1.4-Dichlorobenzene	VD.	ND	ND	ND	ZD.	0.020	րց 1.
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	μg·l.
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	μgrI
1,2-Dichloroethane	ND	ND	N.D	ND	ND	0.020	$\mu g/ $.
1.1-Dichloroethere	ND	ND	ND	0.209	20	0.020	με/Τ



rdug radioradories

10 A. San 5380 & Voltage - Co. 95605 CHI TR 707" FAVO DERIGAGE

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

Client Address:

The Reynolds Group

P.O. Box 1996

Tustin, CA 92681-1996

Attn:

Alejandro Fuan

Project:

Project Address:

Fullerton Universal

1551 E. Orangethorpe

Fullerton, CA

Report date:

4:27:2010 B-4999

JEL Ref. No.: Client Ref. No.: 7115

Date Sampled: 4 27 2010

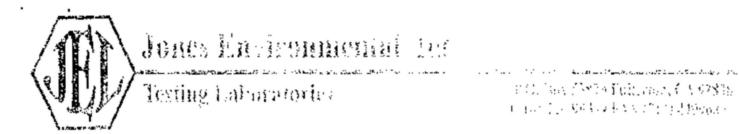
Date Received: 4/27/2010 Date Analyzed: 4/27/2010

Physical State: Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample 10:						Practical	
	VEW16-15	VEW16-25	VEW5-5	VEW4-5	VEW6-5	Quantitation	Units
Analytes:						Limit	
cis-1.2-Dichleroethene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
trans-1,2-Dichloroethene	ND	ND	(1/4	ND	טא	0.020	μg/1.
1,2-Dichloropropane	ND	CIA	ND	ND	V.D	0.020	րջ 1.
1.3-Dichloropropane	ND	ND	ND	ND	ND.	0.020	μg U
2,2-Dichluropropane	ND	ND	ND	ND	ND	0.020	pg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	μg/L
cis-1,3-Dichloropropene	ND	ND	ND	ND.	ND	0.020	$\mu g/L$
trans-1,3-Dichloropropene	ND	ND.	ND	ND	ND	0.020	μg/L
Ethylbenzene	ND	ND	מא	ND	N.D	0.020	ng T.
Freon 113	ND	ND	טא	ND	ND	0.020	μg f.
Hexachlorobutadiene	ND	ND	\D	ND	ND	0.020	pg/L
Isopropylbonzene	ND	N.D	ND	ND	ND	0.020	μgd
4-1sopropyltoluene	ND	ND	ND	ND	ND	0.020	µg/I
Methylene chloride	ND	ND	ND	ND	ND	0.020	μg/l.
Naphthalene	ND	ND.	ND	ND	ND	0.020	ug T.
n-l'ropylbenzene	ND	ND	ND	ND	ND	0.020	μg·T.
Styrene	ND	ND	ND	ND	ND	0.020	µg/L
1,1.1,2-Tetrachforoethane	ND	ND	ND	ND	ND	0.020	μg L
1.1.2.2-Tetrachloroethane	N.D	ND	KID	ND	ND	0 020	µg/l
Fetrachloroethylene	ND.	ND.	ND	2.62	0.688	0.020	μg/1.
Toluene	ZD.	ND	ND	ND	ИD	0.020	$\mu g/L$
1.2.3-Trichlorobenzene	ND	ND.	ND	ND.	ND	0.020	րջ 1.
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	rig l
1.1,1-Trichloroethane	ND	ZD	ベロ	ND	ND	0.020	ngil.
1,1,2-Trichtoroethane	ND	ND	ND	ND	ND	0.020	µg/l
Trichloroethylene	ND.	ND	ND	ND	0.641	0.020	ր <u>ջ</u> 1.

ND= Not Detected



FOLLOW PARTICLE MANAGEMENT 1 (a) 15 864 (464) 25 (1) 250 (a) 6

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

Client Address:

The Reynolds Group

P.O. Box 1996

Tustin, CA 92681-1996

Report date: JEL Ref. No.:

4/27/2010 B-3999

Client Ref. No.: 7115

Atta:

Alejandro Fuan

Date Sampled: 4/27/2010 Date Received: 4/27/2010

Project:

Project Address:

Fullerton Universal 1551 E. Orangethorpe

Physical State: Soil Gas

Date Analyzed: 4/27/2010

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	VEW16-15	VEW16-25	VEW5-5	VEW4-5	VEW6-5	<u>Practical</u> Quantitation	Units
Analytes:						Limit	
Trichlorofluoromethane	2.D	ND	ND	ND	SD	0.020	րջ (.
1,2,3-Trichleropropane	ND	ND	NO	ND	ND	0.020	ug4.
1.2,4-Trimethylbenzene	CIA	ND	ND.	ND	ND	0.020	րց է
1.3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	μg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	μφ1.
Xylenes	ND	ND	ND	ND	ND	0.020	pg-L
MTBE	ND	ND	ND	ND	ND	0.020	μg/L
Ethyl-tert-butylether	NO	ND	ND	ND	ND	0.020	րջ1.
Di-isopropylether	ND	ND	ND	ND	ND	0.020	$\mu g/L$
tert-amylmethylether	ND.	ND	NO	ND	ND	0.020	pg L
tert-Butylalcohol	ND	ND	ND	V.D	ND	0.100	ր <u>ջ</u> 4.
TIC:							
п-Ргарано!	ND	ND	NO	ND	ND	0.020	րգ.լ.
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						QC Limi	ts
Dibromofluoremethane	79%	8-1%	112%	100%	95%	75 - 125	5
Tolucne-d _s	99%	97%	26%	102%	9600	75 - 125	5
4-Bromofhiorobenzene	116%	1 1%	105%	96%	108%	75 - 125	
	B1-042710-	B1-042710-	B1-042710-	B2-042710-	B1-042710-		

B1-042710+ B1-042710+ B1-042710+ B2-042710+ B1-042710+ CHECKS 1 CHECKS 1 CHECKS 1 CHECKS 1 CHECKS 1

ND= Not Detected

P.O. Sail, 538% Follows a CA 92929 that a 1999 of FAX to a d by act

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address: P.O. Box 1996

Justin, CA 92681-1996

Report date: 4:27:2010 JEL Ref. No.:

B-1999 Client Ref. No.: 7115

Atta:

Alejandro Fuan

Date Sampled: 4/27/2010

Project:

Date Received: 4/27/2010 Date Analyzed: 4/27/2010

Project Address:

Fullerton Universal 1551 E. Orangethorpe

Physical State: Soil Gas

Fullerton, CA

Sample iD:					Practical_	
	VEW11-15	VEW11-25	VEW13-15	VEW8-15	Quantifation	Units
Analytes:					Limit	-
Benzene	ND	ND	ND	ND	0.020	μg.L
Brontobenzene	ND	ND	ND	ND	0.020	μg.T.
Bromodichloromethane	ND	ND	ND	ND.	0.020	μg.L
Bromoform	ND	7.D	ND	ND	0.020	ag/L
n-Butylbenzene	ND	ZD	ND	ND		րց [,
sec-Butylhenzene	ND	ND	ND	טא	0.020	μ <u>e</u> /1.
tert-Butylbenzene	CIA	ND	ND	ND		μgtz
Carbon tetrachloride	ND	מא	ND	ND	υ.020	μg1.
Chlorobenzene	ND	ND.	ND	ND	0.020	μg1.
Chloroethane	ND	ND	ND	ND		րց Լ.
Chloroform	ND	ND	ND	ND	0.020	μg/L
Chloromethane	ND	ND	ND	ND	0.020	μg L
2-Chlorotoluene	ND	ND	ND	ND	0.020	$\mu g L$
4-Chlorotoluene	ND	ND	ND	ZD	0.020	μg.L
Dibromochloromethane	ND	ND	2/D	ND	0.020	μg/L
1.2-Dibromo-3-chloropropane	ND	ND.	ND	ND	0.020	$\mu g A$
1.2-Dibromoethane (EDB)	ND	ND	ND	ND	0.020	pg4.
Dibromomethane	ND	ND	ND	ND	0.020	pgd.
1.2- Dichiorobenzene	ND	ND	ND	ND	0.020	лg.1.
1,3-Dichlorobenzene	ND	2.D	ND	ND	0.020	μg.L.
1,4-Dichlorobenzene	ND.	ND	ND	ND	0.020	րջ, է,
Dichlerodifluoromethane	ND	ND	ND	ND	0.020	μ <u>g</u> ∙l.
1.1-Dichloroethane	ND	ND	ND	ND	0.020	րք 1.
1,2-Dichforoethane	ND	ND	ND	ND		յւ <u>ջ</u> (.
1,1-Dichloroethene	0.353	ND	ND	ND	0.020	$\mu g T_c$

HAA on 5380+158 H A CA 92838 (Test School of the constituent)

JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Client Address; The Reynolds Group

P.O. Hox 1996

Tustin, CA 92681-1996

Report date: 4/27/2010 JEL Ref. No.: B-4999

Client Ref. No.: 7115

Attn:

Alejandro Fuan

Date Sampled: 4/27/2010 Date Received: 4/27/2010

Project:

Fullerton Universal 1551 E. Orangethorpe

Physical State: Soil Gas

Date Analyzed: 4/27/2010

Project Address:

Fullerton, CA

Sample ID;					Practical.	
	VEW11-15	VEW11-25	VEW13-15	VEW8-15	Quantifation	Units
Analytes:					Limits	_
cis-1,2-Dichloroethene	ND	ND	ND	ND	0.020	րց ե
trans-1,2-Dichloroethene	ND	מא	ND	ND	0.020	$\mu g.t_s$
1,2-Dichleropropane	ND	ND	ND	ND	0.020	μg/L
1.3-Dichloropropane	ND	CIA	ND	ND	0.020	μ <u>ρ</u> , L
2,2-Dichleropropane	ND	ND	ND	ND	0.020	$\mu g \perp$
1,1-Dichkoropropene	ND	ND	ND	ND	0.020	$\mu g L$
cis-1,3-Dichloropropene	ND	ND	ND	ND	0.020	$\mu g A_c$
trans-1,3-Dichforopropene	ND	ND	ND	ND	0.020	μg·L
Pahylbenzene	ND	טא	ND	ND	0.020	րը 1.
Freon 113	ND.	ND	ND	7.0	0.020	$\mu g_{i} I_{\bullet}$
Hexachlorobutadiene	ND	ND	ND	ND	0.020	μ g Ι.
Isopropyfbenzene	ND.	ND	ND	ND	0.020	µg.1.
4-Isopropykoluene	ND	ND	ND	ND	0.020	ngd.
Methylene chloride	ND	ND	ND	ND	0.020	pg/L
Naphthalene	ND	2/D	ND	ND.	0.020	$\mu g/1$.
n-Propythenzene	ND	ND	ND	ND.	0.020	pgT.
Styrene	ND.	ND	ND	ND	0.020	ug 7.
1,1,1,2-Tetraeliloroethane	ND	ND	ZD	ND	0.020	րց L
1,1,2,2-Tetrachforoethane	ND	ND	ND	ND	0.029	րջ Ե
Tetrachleroethy lene	ND	ND	ND	ND	0.020	μg1.
Toluene	KID.	ND	ND	ИD	0,020	μg I.
1,2,3-Trichlorobenzene	ND	ZD.	ND	ND	0.020	ng 7.
1,2,4-Trichtorobenzene	ND.	ND	7.D	ND	0.020	μgT.
1.1,1-Trichloroethane	ND	ND.	ND.	ND	0.020	ti6.F
1.1,2-Trichloroethane	ND	ND	ND	ND	0.020	ng L
Trich?oroethylene	0.381	ND	ND	29	0.020	μg L



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Cold from State Carte Carte Cold (16. #8994 PAGE 10. 56.9)

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Client Address: The Reynolds Group

P.O. Box 1996

Tustin, CA 92681-1996

Report date: 4/27/2010 JEL Ref. No.: B-4999 Client Ref. No.: 7115

Atin:

Alejandro Fuan

Date Sampled: 4/27/2010

Project:

Fullerton Universal

Date Analyzed: 4:27:2010

Date Received: 4/27/2010

Project Address:

1551 L. Orangethorpe

Physical State: Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample (D:					Practical_
	VEW 11-15	VEW11-25	VEW13-15	VEW8-15	Quantitation Pnits
Analytes:					<u>Limits</u>
Trich!orofluoromethane	ND	ND	ND	ND	0.020 µg/L
1,2,3-Trichloropropane	ND	N'D	ND	ND	0.020 gg.l.
1,2,4-Trimethylbenzene	ND	ND	ND	7.D	0.020 gg/l.
1.3,5-Trimethythenzene	ND	ND	ND	ND	0.020 $\mu_D T_c$
Vinyl chloride	ND	ND	ND	ND	0.020 µg4.
Xylenes	ND	ND	ND	ND	0.020 µg-1.
MIDE	ND	ND	ND.	ND.	0.020 $\mu g 1$.
Ethyl-tert-butylether	ND	Z.D	ND	ZD	0.020 µg/L
Di-isopropylether	ND.	ND	ND	2.13	0,020 μg/l.
tert-amylmothylether	ND	ND	ND	ND	0.020 ng4.
tert-Butylalcohol	ND	ND	ND	ND	0.100 μg/l.
TIC					
n-Propanol	ND	ND	ND	ND	0,020 µg/1.
Dilution Factor	1	1	1	1	
Surrogate Recoveries:					QC Limits
Dibromofluoromethane	98%	FD1%	100%	85%	75 - 125
Foluene-d _s	9996	99%	98%	99%	75 - 125
4-Bromofluorobenzene	103%	100%	102"6	76° 5	75 - 125
		131 047710	DO 010:110		

B1-042710- B1-042710- B2-042710- B2-042710-CHECKS, L. CHECKS, 2. CHECKS, L. CHECKS, 2.

ND= Not Detected



Farth CNE vipility CAMPBA U.B.O'CONESTABLEMEN

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:

The Reynolds Group

Report date:

4/27/3010

Client Address:

P.O. Box 1996

JEL Ref. No.:

13-4999

Tustin, CA 92681-1996

Client Ref. No.:

7115

Attn:

Alejandro Fuan

Date Sampled:

4/27/2010

Project:

Fullerton Universal

Date Received: Date Analyzed: 4/27/2010 4/27/2010

Project Address:

1551 E. Orangethorpe

Physical State:

Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample Spiked:	Ambient Air		GC#:	B4-042710-CHEC	CKS 1	
	MS	MSD		Acceptability		Acceptability
<u>Parameter</u>	Recovery (%)	Recovery (%)	RPD	Range (%)	LCS	Range (%)
1,1-Dichloroethylene	88%	87%	1.8%	70-130	98%	70-130
Benzene	107%	115%	6.7°6	70-130	106%	70-130
Trichloroethy lene	96%	100%	4.2%	70-130	98%	70-130
Toluene	90%	97%	7.1%	70-130	106%	70-130
Chlorobenzene	94%	97%	2.9%	70-130	99%	70-130
Surrogate Recovery:						
Dibromofluoromethane	95%	97%		60-140	93%	60-140
Foluene-d3	87%	93%		60-140	95%	60-140
4-Bromofluorobenzene	104%	108%		60-140	90%	60-140

Method Blank Not Detected

MS - Matrix Spike

MSD = Matrix Spike Duplicate

RPD : Relative Percent Difference



areonneniai, inc.

l'estine Laborniccies

P.O. Box 5387 & Full root 2 & 920000 OLD BOWN ALL OF STREET

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:

The Reynolds Group

Report date:

4/27/2010

Client Address:

P.O. Box 1996

Alejandro Fuan

JEL Ref. No.:

D-4999 7115

Tustin, CA 92681-1996

Date Sampled:

Client Ref. No.:

4/27/2010

Project:

Atto:

Fullerton Universal

Date Received: Date Analyzed: 4/27/2010

Project Address:

1551 E. Orangethorpe

Physical State:

4/27/2010 Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample Spiked:

Ambient Air

GC#; B2-042710-CHECKS_L

<u>Param</u> eter	MS Recovery (%)	MSD Recovery (%)	<u>RP1</u>)	Acceptability Range (%)	<u>LCS</u>	Acceptability Range (%)
1,1-Dichloroethylene	92%	93%	1.6%	70-130	118%	70-130
Велиене	118%	121%	3.2%	70-130	124%	70-130
Trichloroethylene	98%	101%	3.0%	70-130	107%	70-130
Foluene	107%	109%	2.2%	70-130	11.5%	70-130
Chlorobenzene	101%	103%	1.8%	70-130	113%	70-130
Surrogate Recovery:						
Dibromotluoromethane	106%	104%		60-140	111%	60-140
Toluene-d8	104%	101%		60-1-10	98%	60-140
4-Bromofluorobenzene	99%	97%		60-140	89%	60-140

Method Blank - Not Detected

MS - Matrix Spike

MSD - Matrix Spike Duplicate

RPD - Relative Percent Difference

JONES ENVIRONMENTAL TESTING LABORATORIES

PO. Box 5387 Fullerton, CA 92838 (714) 449-9937 Fax (714) 449-9635

Client			Date		7,(120	6,			14	,	'	/ /JEL Project #
11. 15 - 18: 1	(200		Date					_	An	rysis R	บดุมยรใบส	
Project Name			Cilent Proje	ect #	-			1 8/	/	/	/ /	1// 1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1
Italian line	15. 1		Cilent Proje	i 5"	_		/	Sei Se (Se)	/	/ /		Page
Project Address				d Requested:	SOIL GAS		/	3/ 1	[//	/ /
158 1 100 125	<u>(, , , , , , , , , , , , , , , , , , , </u>			ediate Attention	Purge Vol: U 12 (4 3P	117P	1 8	/iJ	J/J/J			Lab Use Dnfy
台班 心上人人				1 24-48 Hours 1 72-96 Hours	Purge Rate: 11 mm.	ec/min	1 3/	W.	/	/ /		Sample Condition as Received.
Project Contact	_		- J Norn		0. go 10.0	/	8	./ ,	/ /		//	Chilled Lilyep alino
March Vari		*	J# M∞0	ile tab		No.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	/ /			/ /	Scaled 1 yes ann
Sample ID	Purge Volume	Discussion	Date	Jime	Labotatory Sample Number	Semole A	11		//	//	1 Am	Sample Condition as Received. Chilled Lilyes Linn Sealed Lilyes Linn Remarks/Special instructions
W. S. S.	3.49	F. 14 . P.	1357/16	1977	Berther .		X.				ž	Mar CANDON L. NO.
State of		A Con		المعتقل المعتقل	Pro698. 19	$Q_{i,j}$.A.				· <u>·</u> .	A W. L. T. Branch
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5-7-6	3.7	10" d = 1	<u> </u>	1120	41-11-11-15	8,	X	-		+	ļ.	
W. W. 12	FM	4 - 14	-	185%	15-19-14-1	86				<u>L</u> .		
Stellings shed by Spinalury			4/27/10	@ Herewood by (signature)			D	ale *{ / : -{	<u> 71</u>	1()	Total Number of Coatsiners
Сатрину			Time	Company) (Т	me K	75		delivery of samples and theis gnature on Chain of Custody form constitutes
Relings shed by (signals/e)			Date	Received by L	aboratory (signature)			D	alc		autho above	orwation to perform the analyses specified e under the Terms and Conditions set
Company			Tirno	Company				T.	nię		10r1h	an the back hereaf.



P.O. Box 5387 Fullerton, CA 92838 (714) 449-9337 Fax (714) 449-9685

Client	,		Bate	Project	, i e						Analys s	: Necjuo	05ted	/ JEL Project #
Saltoria die	14.254		I CIPCII	Project	I PF	_				7/		/	/	/ /
Project Contact	<u></u>			Interned I Rush 2		SOIL GAS Purge Vol: 1P _ \$23 Tracer: 2C2 Purge Rate:	if U7n comin	See FL.	SE SE SE SE SE SE SE SE	1	//			Sams to Condision as Sectioned Chined Clyes Unio Sealed Clyes Unio Remarks/Special Instructions
Sample ID	Purgo Volunto	Discussion		Date	Time	Caboratory Sample Number	100	5/	//		//	/ /	A. A	Remarks/Special Instructions
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Company			lime		Company					1-me	515	1		elivery of samples and the signature or hain of Custody form constitutes
Relinquished by Isignature) Date		Date	7	fiecewed by I	Laboratory (signature)		_		Dale			authorization to perform the analyses specified above under the Terms and Conditions set		
Сетрату			Time		Сотрыпу		•			Timp		7	feith o	of the back horant.
												_		

JONES ENVIRONMENTAL TESTING LABORATORIES

Jr.O. Box 5387 Fullerton, CA 92838 (714) 449-9937 Fax (714) 449-9685

Project Name Project Audress Project Contact	·		☐ Rush:	Requested: drate Affender 24-48 Hours 72-96 Hours	SON_GAS Purge Vol. 그 1P 및 3 Tracer:1 ** ** ** Purge Hatu:	CC/min	Silly Americas III So. E.		Analyse	Req.	//	Page Lab Use Duty Sample Cauthon as Received: Chilled Livys Clinic Sealed Lives Line Sealed Lives Line Remarks/Special Instructions
Sample ID	Purge Volume	Discussion		Time	Laboralory Sample Number	S. (5) J. (5) S.	1	//	//	/	Weimber	Remarks/Special Instructions
V. 65% S	3/7	1 69	Morns	7,11	to which the	V. V					٠	
Mary 18	glan	91.4	1	987	g, 95% B	9. 3					:	The state of the state of
3080 De 1		2 Table 1		1100	15 mgs, 142	SIZ				_		3 July 500 200
V. 12.2 15	·24:14	10 44		1 1/2	VA Y817 17	9. 9	1	_ _			<u>.</u>	1
White is	1. 11.			-23x	3,40,70	3. X						
V. 13. 8	in the	V 450	-	7515	Victory Char	1 1 1	11	_	\sqcup		. :	
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Vista value	·· [/	;		165	5,00000	13/1	4	_	┼┼	_	 	
n.3 04 5	36.7	70 G	 -		Sany Carry	<u> </u>	-(-		_	,	
(a inquished by (signature)	10.7	<u> </u>	Date (4/27/65)	Received by !				Date :	1 - 1 1 - 1 - 1		ii	Total Number of Containers
Dempany			Time	Company	7.7.	!'		Time	575		this C	elivery of samples and the signature on hain of Custody form constitutes
Relanquished by (signature)					alioratory (pignature)			Date		4	above	rization to gorform the analyses specified under the Terms and Conditions set on the back hereof.
Сограпу		_	Titre	Company				Time				

JONES ENVIRONMENTAL TESTING LABORATORIES

P.O. Box 5387 Futlerion, CA 92838 (714) 449-9937 Fox (714) 449-9685

Client 15 a july 4.			Date 1/1/1/						/ JEL Project #		
Project Address Project Contact		Client Projec	Requested: diate Attention 24-48 Hours 72-96 Hours	SOIL GAS Purge Vot: 11P (A3P 137P) Tracer: 12P (A2P 137P) Purge Rate. 12P (A2P 137P) Laboratory Sample Number (A3P 137P)		Analysis Re	questoil	Page Lab See Only Somple Condition as Received. Chilled Layes Cano Sealed Layes Cano Sealed Layes Cano			
Sample tD	Purge Volume	Discussion	Date	Time	Latoratory Sample Number	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	////	13/	Hemarks/Special Instructions		
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O Retriaugued W (granature)	<u> </u>		Cale (1/27/1/12)	Received by (s	signature)	<u>i </u>	Sate Silvery or		Total Number of Containers		
Company				Company) (. · · · · · · · · · · · · · · · · · ·		Time	this Chai	very of samples and vine signature on a of Custody form constitutes		
Relinquished by (signature)			Dato	6 Hecoved by I.	aboratory (signature)		Date	above un	authorization to perform the analyses specified above under the Yerins and Conditions sof		
Company			Time	Company			Time	ro an on	the back hereof.		



Jones Environmental, Inc.

Testing Laboratorics

P.O. Box 5387 • Fallerton, CA 93838 (714) 449-9937 • FAX (714) 449-9685

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

P.O. Box 1996

Tustin, CA 92681-1996

Attn:

Alejandro Fuan

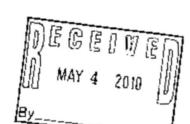
Project:

Fullerton Universal

Project Address:

1551 E. Orangethorpe

Fullerton, CA



Report date: 4/28/2010 JEL Ref. No.: B-4999B

Client Ref. No.: 7115

Date Sampled: 4/28/2010 Date Received: 4/28/2010 Date Analyzed: 4/28/2010 Physical State: Soil Gas

ANALYSES REQUESTED

EPA 8260B- Volatile Organics by GC/MS + Oxygenates

Sampling -- Soil Gas samples are collected in glass gas-tight syringes equipped with Teflon plungers. Tubing placed in the ground for soil gas sampling is purged three different times as recommended by DTSC/RWQCB regulations. This purge test determines how many purges of the soil gas tubing are needed throughout the project. One, three and seven purge volumes were analyzed to make this determination.

A tracer gas, n-Propanol, was placed at the tubing-surface interface before sampling. This compound is analyzed during the 8260B analytical run to determine if there are surface leaks into the subsurface due to improper installation of the probe. No n-Propanol was found in any of the samples reported herein.

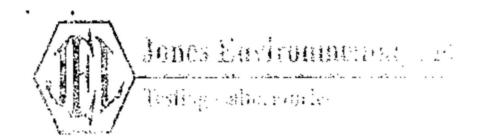
The sampling rate was approximately 200 cc/min except when noted differently on the chain of custody record using a gas tight syringe. 3_ purge volumes were used since this purging level gave the highest results for the compound(s) of greatest interest.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Ambient Air Blanks are analyzed every 12 hours as prescribed by the method. In addition, Matrix Spike (MS) and Matrix Spike Duplicates (MSD) are analyzed with each batch of Soil Gas samples. A duplicate sample is analyzed each day of the sampling activity.

All samples were analyzed within 30 minutes of sampling.

Approval:

Steve Jones, Ph.D. Laboratory Manager



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Client Address:

The Reynolds Group

P.O. Box 1996

Instin. CA 92681-1996

Report date: 4/28/2010 JEL Ref. No.:

B-4999B Client Ref. No.: 7115

Aitn:

Alejandro Fuan

Date Sampled: 4/28/2010

Date Received: 4.28/2010

Project:

Fullerton Universal 1551 E. Orangethorpe

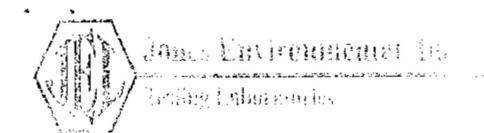
Physical State: Soil Gas

Date Analyzed: 4/28/2010

Project Address:

Fullerton, CA

Sample ID:	11377T 4141	VEW6-5	<u>Practical</u>
	SV37-SS		Quantitation Units
Analytes:	DUP	DLB	Limit
Benzene	ND	ND	0.020 μg/l.
Bromabenzene	ND	ZD.	0.020 μg/l.
Bromodichloromethane	ND	ZD.	0.020 µg/l.
Broneoform	ND	ND.	0.020 µg/L
n-Butylbenzene	ND	ND	0.020 $\mu p L$
sec-Butylbenzene	ND	ND	0.020 pg/L
tert-Butylbenzene	ND	ND	0.020 μg/l.
Carlson tetrachloride	ND	ND	0.020 μg/L
Chlorobenzene	ND	ND	0.020 μg/L
Chloroethane	ND	ND	0.020 μg/L
Chloroterii:	ND	ND	0.020 µg/L
Chloromethane	ND	ND	0.020 μg/L
2-Chlorotoluene	ND	ND	0.020 µg/1.
4-Chlorotoluene	ND	ND	0.020 $\mu g/1$.
Dibromochloromethane	ND	ND	0.020 pg/l.
1,2-Dibromo-3-chloropropane	ND.	ND	0.020 pg-L
1,2-Dibromoethane (EDB)	ND	ND.	φ.020 μg/l.
Dibromomethene	ND	ND	0.020 µg/l.
1.2- Dichtorobenzene	ND	ND	-0.020 μg/L
1.3-Dichlorobenzene	ND	ND	0.020 μg/L
1.4-Dichlorobenzene	ZD.	ND	.T gu 050.0
Dichlorodifhoromethane	ND	ND	0,020 µg/L
1,1-Dichloroethane	ND	ND	0.020 μg·l.
1,2-Dichloroethane	ND	ND	0.020 pg/l.
1,1-Dichloroethene	2.07	ND	0.020 μg·l.



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Client Address: The Reynolds Group

P.O. Box 1996

Tustin, CA 92681-1996

Report date: JEL Ref. No.:

4:28:2010 B-4999B

Client Ref. No.: 7135

Atin:

Alejandro Fuan

Date Sampled: 4/38/3010 Date Received: 4/28/2010

Project:

Fullerton Universal

Date Analyzed: 4/28 2010

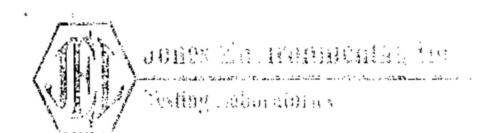
Project Address;

1551 E. Orangethorpe

Physical State: Soil Gas

Fullerton, CA

Sample ID:	SV37-SS	VEW6-5	<u>Practical</u> Quantitation <u>Puits</u>
Analytes:	DUP	DUP	Limit
cis-1,2-Dichloroethene	ND	ND	0.020 ug.t.
trans-1.2-Dichloroethene	N.D	ND	0.020 gg-L
1,2-Dichloropropane	ND	ND	0.020 µg L
1,3-Dichloropropane	ND	ND	0.020 μg Ι.
2.2-Dichloropropane	ND	ND	0.020 pg L
1,1-Dichloropropene	ND.	ND.	0.020 pg/L
cis-1,3-Dichloropropene	7.0	ND	0.020 pg t.
trans-1,3-Dichloropropene	ND	ND	0.020 µg·l.
Ethylbenzene	ND	ND	0.020 µg·L
Freon 113	ND	ИD	0.020 µg L
Hexachlorobutadiene	ND	ND	0.020 µg L
Isopropyllocazene	ND.	ND	0.020 pg L
4-Isopropyltolucite	ND.	ND	0,020 gg L
Methylene chloride	ND	ND	0.020 µg 1.
Naphthalene	ND	ND	0.020 μg.1.
n-Propylbenzene	ND	ND	0.020 gg L
Styrene	Z/D	ND	0.020 pg.1.
1,1,1,2-Tetrachloroethane	ND	//D	0.020 րց 1.
1.1,2,2-Tetrachloroethane	>D	ND	0.020 µg l
Terrachloroethylene	1.43	0.485	0.020 µg1.
Taluene	ND	ND	0.020 p.2 L
1.2,3-Trichlorabenzene	ND	ND	0.020 pg l.
1,2,4-Trichlorobenzene	ND.	ND	G.020 pg l.
1,1.1-Trichloroethane	0.663	ND	0.020 gg1.
1,1.2-Trichforoethane	ND	ND	0.020 pg 1.
Trichloroethylene	2.80	0.426	0.020 _{F8} 1.



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Client Address: The Reynolds Group

P.O. Box 1996

Tustin, CA 92681-1996

Report date: 4.28/2010 JEL Ref. No.:

B-4999B Client Ref. No.: 7115

Attn:

Alejandro Fiam

Date Sampled: 4/28/2010

Date Received: 4/28/2010

Project:

Fullerton Universal

Date Analyzed: 4/28/2010

Project Address:

1551 E. Orangethorpe

Physical State: Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:	SV37-SS	VEW6-5	<u>Practical</u> Quantitation Units
Analytes:	DI.b	Df.B	Limit
Frichlorofluoromethane	ND	ZD	0.020 µg L
1.2.3- Friebloropropane	ND	ND	0.020 µg.L.
1,2,4-Trimethylberizene	ND	ND	0.020 μg.1.
1.3,5-Trimethylbenzene	7.D	ND	ი.020 ფლ1.
Vinyl chloride	ND	ND	0.020 µg 1.
Xylenes	ND	ND	0.020 µg l.
MTBE	ND	ND	0.020 µg L
Ethyl-tert-butylether	ND	ND	0.020 pg L
Di-isopropylether	ND	ND	θ.020 μg·1.
tert-amylmethylether	ND	ND	0,020 µg I.
tert-Butylalcohol	ND	ND	J.g.n. 001.0
TIC;			
n-Proponol	ND	ND	0.020 μg 1.
Dilution Factor	1	t	
Surrogate Recovery:			QC Limits
Dibromofluoronæthane	96%	\$9%	75 - 125
Foluene-d₁	95%	9-1º-a	75 - 125
4-Bromoflusrobenzene	80%	102%	78 - 125
	B2-042810-	B1-042810-	

B2-042810- B1-042810-

CHECKS I CHECKS I

ND: Not Detected



Jones Environmental Inc.

Testing Latinophiories

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:

Client Address:

The Reynolds Group

P.O. Box 1996

Tustin, CA 92681-1996

Report date:

4/28/2010

JEL Ref. No.:

B-4999B

Client Ref. No.:

7115

Aftn:

Alejandro Fuan

Date Sampled: Date Received:

4/28/2010

Project:

Fullerton Universal

Date Analyzed:

4/28/2010 4/28/2010

Project Address:

1551 E. Orangethorpe

Physical State:

Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample Spiked:	Ambient Air		GC#;	B1-042810-CHEC		
	MS	MSD		Acceptability		Acceptability
Parameter	Recovery (%)	Recovery (%)	ŖŖŊ	Range (%)	I.CS	Range (%)
1,1-Dichloroethylene	87%	99%	13%	70-130	102%	70-130
Benzene	105%	111%	5.8%	70-130	102%	70-130
Trichloroethylene	97%	104%	7.3%	70-130	102%	70-130
Toluene	106%	102%	3.6%	70-130	106%	70-130
Chlorobenzene	119%	105%	13%	70-130	107%	70-130
Surrogate Recovery:						
Dibromofluoromethane	95%	96%		60-140	100%	60-140
Toluene-d8	97%	96%		60-140	98%	60-140
4-Bromofluorobenzene	105%	107%		60-140	90%	60-140

Method Blank = Not Detected

MS - Matrix Spike

MSD - Matrix Spike Duplicate

RPD Relative Percent Difference



Jones Environmental, Inc.

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:

Attn:

The Reynolds Group

Client Address:

P.O. Box 1996

Tustin, CA 92681-1996

Alejandro Fuan

Project: Project Address:

Fullerton Universal 1551 E. Orangethorpe

Fullerton, CA

Report date:

and the state of t

JEL Ref. No.:

Client Ref. No.:

4/28/2010 B-4999B

7115

Date Sampled:

Date Received:

4/28/2010 4/28/2010

4/28/2010

Date Analyzed: Physical State:

Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample Spiked:	Ambient Aic		GC#:	B2-042810-CHEC	KS 1	
Parameter	MS Recovery (%)	MSD Recovery (%)	<u>RPD</u>	Acceptability Range (%)	LCS	Acceptability Range (%)
1,1-Dichloroethylene	89%	94%	5.5%	70-130	99%	70-130
Benzene	t 1.7%	126%	7.9%	70-130	11.4%	70-130
Trichloroethylene	93%	105%	12.3%	70-130	96%	70-130
Tohiene	10-1%	113%	8.2%	70-130	103%	70-130
Chlorobenzene	102%	113%	11%	70-130	103%ii	70-130
Surrogate Recovery:						
Dibromofluoromethane	98%	100%		60-140	106%	60-140
Tolueno-d8	99%	98%		6(1-1-10	101%	60-140
4-Bromoshiorobenzene	97%	97%		60-140	86%	60-140

Method Blank Not Detected

MS - Matrix Spike

MSD = Matrix Spike Duplicate RPD Relative Percent Difference

JONES ENVIRONMENTAL TESTING LABORATORIES

P.O. 8ox 5387 Follerian, CA 92838 (714) 449-9937 Fax (714) 449-9685

Client Project Name		·		Date // // // Client Project		-			/ 8		Anaty	isis Ro	quested		JEL Project #
Project Address Project Contact			Torn Around Requested: Immediate Attention Rush 24-48 Hours Rush 72-96 Hours Normal Moture Lab		SOIL GAS Purge Vot: 14 113P 117P Tracer: 11 11 11 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					//	Remarks/S;	Sample Cognition as Received Obilled (1) yes (1) no Seales (3) yes (1) no			
Sample 10	Purge Volume	Discussion		Date	Time	Luboratory Sample Number	Semon Semon		7/	//	//		1 September 1		acial Instructions
5836 Kg Dug	524	4. C.		Then.	<i>U-16</i>	13.444.3	·	12					1	18 n n n	13 to 14.
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Company			1 irrie:		Company	j. *.	:			Time				clivery of samples a hain of Custody for	
8 Relinquished by (signature)			Date		4 Hopa year by L	aboratory (signature)			Dale			authorization to perform the analyses specified above under the Ferms and Conditions set			
Gampuny		-,	Time		Company					Little			orth:	on the back hereof.	
			_												



Jones Environmental, Inc.

Testing Laboratories

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

P.O. Box 1996

Tustin, CA 92681-1996

Attn:

Alejandro Fuan

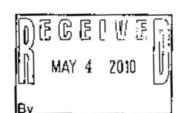
Project:

Fullerton Universal

Project Address:

1551 E. Orangethorpe

Fullerton, CA



Report date: 4/28/2010 JEL Ref. No.: B-5000

Client Ref. No.: 7115

Date Sampled:

4/28/2010

Date Received: Date Analyzed: 4/28/2010 4/28/2010

Physical State:

Spil Gas

ANALYSES REQUESTED

EPA 8260B- Volatile Organics by GC/MS + Oxygenates

Sampling—Soil Gas samples are collected in glass gas-tight syringes equipped with Teflon plungers. Tubing placed in the ground for soil gas sampling is purged three different times as recommended by DTSC/RWQCB regulations. This purge test determines how many purges of the soil gas tubing are needed throughout the project. One, three and seven purge volumes were analyzed to make this determination.

A tracer gas, n-Propanol, was placed at the tubing-surface interface before sampling. This compound is analyzed during the 8260B analytical run to determine if there are surface leaks into the subsurface due to improper installation of the probe. No n-Propanol was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min except when noted differently on the chain of custody record using a gas tight syringe. 3 purge volumes were used since this purging level gave the highest results for the compound(s) of greatest interest,

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freen 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Ambient Air Blanks are analyzed every 12 hours as prescribed by the method. In addition, Matrix Spike (MS) and Matrix Spike Duplicates (MSD) are analyzed with each batch of Soil Gas samples. A duplicate sample is analyzed each day of the sampling activity.

All samples were analyzed within 30 minutes of sampling.

Approvat:

Steve Jones, Ph.D. Laboratory Manager

JONES ENVIRONMENTAL LABORATORY RESULTS

 Client:
 The Reynolds Group
 Report date:
 4/28/2010

 Client Address:
 P.O. Box 1996
 JEL Ref. No.:
 B-5000

 Tustin, CA 92681-1996
 Client Ref. No.:
 7115

 Attn:
 Alejandro Fuan
 Date Sampled: 4/28/2010
 4/28/2010

 Project:
 Fullerton Universal
 Date Analyzed: 4/28/2010
 4/28/2010

Project Address: 1551 E. Orangethorpe Physical State: Soil Gas Fullerton, CA

ANALYSES REQUESTED

EPA 8260B- Volatile Organics by GC/MS = Oxygenates

Sampling—Soil Gas samples are collected in glass gas-tight syringes equipped with Teffon plungers. Tubing placed in the ground for soil gas sampling is purged three different times as recommended by DTSC/RWQCB regulations. This purge test determines how many purges of the soil gas tubing are needed throughout the project. One, three and seven purge volumes were analyzed to make this determination.

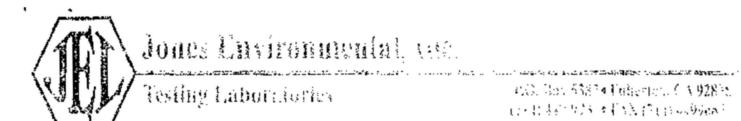
A tracer gas, n-Propanol, was placed at the tubing-surface interface before sampling. This compound is analyzed during the 8260B analytical run to determine if there are surface leaks into the subsurface due to improper installation of the probe. No n-Propanol was found in any of the samples reported herein.

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All samples were analyzed within 30 minutes of sampling.

Approval:	
	Steve Jones, Ph.D. Laboratory Manager



 A.O. Box 5387 • Fullerion, CA 92875. THE RESERVE A PARTITION OF SHEET

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

P.O. Box 1996

Tustin, CA 92681-1996

Report date: JEL Ref. No.: 4/28/2010

B-5000Client Ref. No.: 7115

Attn:

Alejandro Fuan

Date Sampled: 4:28/2010

Project:

Fullerton Universal 1551 E. Orangethorpa Date Analyzed: 4/28/2010

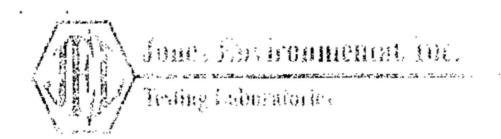
Date Received: 4/28/2010

Project Address:

Fullerton, CA

Physical State: Soil Gas

Sample ID:						<u>Practical</u>	
	SV34-15	SV43-SS	SV43-5	SV43-15	SV44-5	Quantitation	Units
Analytes:						<u> E.insit</u>	
Benzene	ND	טא	ND	ND	NO	0.020	μg.1.
Bromobenzene	ND	ND	ND	2.0	ND	0.020	րց.ե.
Bromodichloromethane	ND	CIN	ND	ND	ND.	0.030	pg L
Bromoforn	ND	ND	SD	ND	ND	0.020	μ <u>լ</u> ;1.
n-Butylbenzene	ND	ND	ND.	ND	NO	0.020	$\mu g/1$.
sec-Butylbenzene	ND	ND	ND	ZD.	ND	0 020	րցժե
tert-Butylbenzene	ND	ND	ND.	ND	ND	0.020	$\mu g t$.
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	μg. L
Chlorobenzene	ND	ND	ND	ND	ND	0.020	μg.1.
Chloroethane	ND	ND	ND	ND	ND	0.020	րց Լ.
Chloroform	ND	ND	ND	ND	2/D	0.030	pg-L
Chloromethane	ND	V.D	ND	ND	ND	0.020	$\mu g. 1$.
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	լւք [
4-Chlorotaluene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Dibramochlorometlane	ND	ND	ND	ND	NU	0.020	rig. L.
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND.	מא	0.020	gg/L
1.2-Dibromoethane (EDB)	ND.	ND	ND.	ND	ND	0.020	1157 L
Dibromonicthane	ND	ND	ND	ND	ZD.	0.020	pg/L
1.2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
1.3-Dichlorobenzene	ND	Z.D.	ND	ND	ND	0.020	$\mu g/L$
1,4-Dichlorobenzene	ND	ND	ND	ND	NO.	0.020	μg.L.
Dichlorodifluoromethane	ND	ND	ND	ND	ND.	0.020	gg.l.
1,1-Dichloroethane	ND	ND	ND.	ND	ZD	0.020	μg/L
1.2-Dichloroethane	ND	ND	ND	SID	ND	0.020	րջ ն
1,1-Dichlomethene	ND	ND	ND	0.155	ND	U.020	μg·l.



ALEXANDER AND ALEXANDERS AND ALEXANDER AND ALEXANDER AND ALEXANDER AND ALEXANDER AND ALEXANDER AND ALEXANDRAL A no terfore billions a Country (41): 15 April (4) (7), 145-801

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

P.O. Box 1996

Tustin, CA 92681-1996

JEL Ref. No.:

Report date:

4/28/2010 B-5000

Client Ref. No.: 7115

Atte:

Alejandro Fuan

Date Sampled: 4/28/2010

Project:

Fullerton Universal 1551 E. Orangethorpe Date Analyzed: 4/28/2010

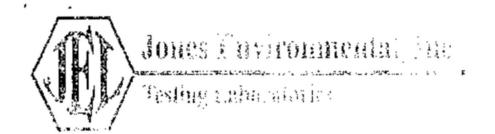
Date Received: 4/28/2010

Project Address:

Fullerton, CA

Physical State: Soil Gas

Sample ID;						Practical	
	SV34-15	SV43-SS	SV43-5	SV43-15	SV44-5	Quantitation	Units
Analytes:						Limit	
cis-1,2-Dichloroethene	N.D.	ND	ND	ND	ND	0.020	μg, 1.
trans-1.2-Dichloroethene	ND	ND	ND	ND	ND	0.020	μg·T.
1,2-Dichloropropane	ND	ND	ND	ND	Z/D	0.020	ng E.
1,3-Dichleropropane	ND	ND.	ND	ND	ND	0.020	pg/L
2.2-Dichloropropane	Z.D	ND	ND	טא	ND	0.020	րց/ե
1,1-Dichloropropene	ND	ND	ND	ND	2.0	0.020	$\mu g A$.
cis-1,3-Dichloropropene	CDM	ND.	ND	ND	ND	0.020	ug/L
trans-1,3-Dichloropropene	ND	ND.	ND	ND	ND	0.020	μg-L
Ethy thenzene	ND	ND	ND	ND	ND	0.020	pgtz
Freon 113	ND	ND	ND.	ND	ND	0.020	μ <u>ε</u> ς Ι.
Hexachlorobutadiene	ND	נוא	ND	ND	ZD.	0.020	$\mu g/1$.
Isopropylbenzene	ND	ND.	ND	ND	ND	0.020	րջ և
4-tsopropyholeene	ND	ND	ZD	ND	7/13	0.020	μg/L
Methylene chloride	ND	ND	ND	ND	80	0.020	$\mu g/L$
Naphthalene	ND	ND	ND	ND	ZD	0.020	μg.1.
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	rig T
Styrene	ND	ND	ND	ND	ND	0.020	µg L
1,1,1,2-Tetrachloroethane	ND	ND	מא	ND	ND	0.020	$\mathfrak{u}_{2}.1.$
1,1,2,2-Tetrach?oroethane	ND	ND	ND	ND	ND	0.020	pg(L)
Tetrachloroethylene	ND	1.12	0.460	3.02	ND	0.020	μg·L
Coluene	ND	ND	ND.	ND	ND	0.020	μg/L
1,2,3 - Frichlorobenzene	ND	ND	ND	ND	ND	0.020	$\mu_{\underline{\underline{\nu}}}/\Gamma$.
1,2,4-Trichlorobenzene	ND	ND	ND	ND.	ND	0.020	$\mu g/f$.
1,1,1-Trichloroethane	パレ	ND	ND	ND	ND	0.020	$\mu g/L$
1.1,2-Trichloroethane	/.D	ND	ND	ND	ND	0.620	pg.1.
Trichloroethylene	ND	ND	ND	0.069	ND	0.020	րց 1.



JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

P.O. Box 1996

Tustin, CA 92681-1996

Report date: 4 28/2010 JEL Ref. No.: B-5000 Client Ref. No.: 7115

Attn:

Alejandro Fuan

Date Sampled: 4/28/2010 Date Received: 4/28/2010

Project:

Fullerton Universal

1551 E. Orangethorpe

Date Analyzed: 4.28-2010 Physical State: Soil Gas

Project Address:

Fullerton, CA

EPA 82608-Volatile Organics by GC/MS + Oxygenates

Sample ID:						Practica!	
	SV34-15	SV43-SS	SV43-5	SV43-15	SV44-5	Quantitation	Units
Analytes:						Limit	
Trichlorofleoromethane	ND	V.D	ND	ND	ND	0.020	րջվե
1.2,3-Trichloropropane	ND	ND	ND	ND.	ND	0.020	μg·f.
1.2,4-Trimethylbenzene	V.D	ND.	ND	N.D	ND	0.920	µg/L
1,3,5-Trimethylbonzene	ND.	ND	ND	ND.	ND	0.020	$\mu g/L$
Vinyl chloride	ND	ND	ND	ND	ND	0.020	µg.1.
Nylenes	ND	ND	ND	ND	ND.	0.020	µg.1.
MTBE	ND	ND	ND	ND.	ND.	0.020	μg/L
Ethyl-tert-butylether	ND	ND	N.D	ND	ND	0.020	μg L
Di-isopropylether	NU	ND	ND	N.D.	ND	0.020	μg/L
tert-amylmethylether	ND	N.D.	ND	ND	ND	0.920	μg L
tert-Butykilcohol	ND	ND	ND	ND.	N.D	0.100	µg L
TIC:							
n-Propanel	ND	ZD	ND	ND	ND	0.020	րց L
Dilution Factor	1	1	1	1	ι		
Surrogate Recovery:						OC Limi	<u>tş</u>
Dibromefluoromethane	94114	10409	8335	100%	85%	75 - 125	
Toluene-d _s	98%	190%	3149	101%	96%	75 - 125	
4-Bronsoftworobenzene	100%	duo?	105%	Ų-1°, ₀	109%	75 - 125	

B1-042810- B2-042810- B1-042810- B2-042810- B1-042810-CHECKS 1 CHECKS 1 CHECKS 1 CHECKS 1

ND Not Detected



图(J. Sax 508%) 科情的 and A 50879 PARTENDER GORBAGE

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

P.O. Box 1996

Tustin, CA 92681-1996

Report date: JEL Ref. No.:

4/28/2010 B-5000

Client Ref. No.: 7115

Attn:

Alejandro Fuan

Date Sampled: 4/28/2010 Date Received: 4/28/2010

Project:

Fullerton Universal

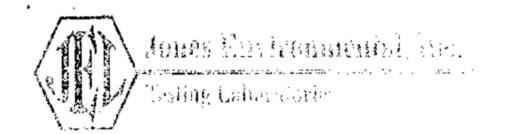
Date Analyzed: 4/28/2010

Project Address:

1551 E. Orangethorpe Fullerton, CA

Physical State: Soil Gas

Sample ID:	SV44-15	SV44-25	SV44-25 DUP	SV4J-SS DCP	SV27-5	Practical Quantitation	<u>Units</u>
Analytes:						<u>f.imit</u>	
Benzene	ND	ND	ND	ND	ND	0.020	μg 1.
Bromobenzene	ND	ND	ZD.	ND	ND	0.020	μg·L.
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	ng L
Bromoform	ND	ND	ND	ND.	ND	0.020	μg I.
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg:1,
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	μg·l.
tert-Butylbenzene	ND	ND	ND	ND	ND	0,020	րջ:Պ.
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	μg I.
Chlombenzene	ND	ND	ND	ND	ND	0.020	μg1.
Chlorocthane	N'D	ND	ND	NI)	ND	0.020	µg/L
Chloroform	ND	ND	ND	ND	ND	0.020	µg1.
Chloromethane	ND	ND	20	ND	ND	0.020	pg 1.
2-Chlorotoltrene	ND	ND	ND	ND	ND	0.020	ng L
4-Chlorotolitene	ND	טא	ND	ND	ND	0.020	μg/L
Dibromechloremethane	ND	ND	ND	ND	ND	0.020	μς1.
1.2-Dibromo-3-chloropropage	ND	ND	ND	N:D	ND	0.020	μg·L.
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	μg.1.
Dibromomethane	ND	ND	ND	ZD.	ND	0.020	րջ [
1,2- Dichlorobenzene	ND	ND	ND	טא	ND	0.020	$\mu g/\Gamma$
1,3-Dichlorobenzene	ND.	ND	ND	ND	ND	0.020	rig L
1.4-Dichtorobenzene	ND	ND	ND	ND	עא	0.020	$\mu g/L$
Dichloradifluoromethine	ND.	ND	ND	ND	ND	0.020	րց 1.
1,1-Dichloroothane	ND	ND	N'D	ND	ND	0.020	μg.ͳ.
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.020	րց Լ.
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.020	ugil.



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

P.O. Box 1996

Tustin, CA 92681-1996

Report date: JEL Ref. No.:

4:28 2010 B-5000

Client Ref. No.: 7115

Attn:

Alejandro Fuan

Date Sampled: 4/28/2010

Project:

Fullerton Universal

Date Received: 4 28/2010

Project Address:

1551 E. Orangethorpe

Physical State: Soil Gas

Date Analyzed: 4 28/2010

Fullerton, CA

Sample ID;			SV44-25	SV43-SS		Practical	
	SV44-15	SV44-25	DIP	0€F	SV27-5	Quantitation	Paits
Analytes:			DIF	DC F		Limits	
cis-1,2-Dichloroethene	V.D	0.602	0.629	ND	ND	0.020	μg.L.
trans-1,2-Dichloroethene	ND	ND	ND.	ND	ND	0.020	րց ե
1.2-Dichloropropane	ND	ND	ND	ND	ND	0.020	µg ե
1.3-Dichloropropane	ND	ND	ND	ND	ND	0.020	μg-L.
2,2-Dichloropropane	ND	ND	ZD.	ND	ND.	0.020	μg1.
1,1-Dichloropropene	ND.	ND.	ND	ND	ND	0.020	μg·1.
cis-1.3-Dichloropropene	ND	ND	ND	ZD	ND	0.020	ng/L
trans-1,3-Dichleropropene	ND	ND	ND	ND	טא	0.020	gg L
Ethylbenzene	ND	ND	ND.	ND	ND	0.020	μg.L.
Freon 113	ND	ND	2D	ND	V.D	0.020	μg L
Hexachlorobutadiene	ND	7.D	ND	ND	ND	0.020	րը 1.
Isopropylbenzene	ND	ND	ND	ND	ND	0,020	μg1.
4-[sepropyltoluene	ND	ND	ND	ND	ND	0.020	μgΊ.
Methylene chloride	ND	ND	CIN	ND	V.D	0.020	μg L
Naphthalene	ND	ND	ND	ND	N.D.	0.020	µg L
n-Propylbenzene	CIN	ND	ND	ND	ND	0.020	μg·l.
Styrene	ND	ND	ND.	ND	ND	0.026	ug L
1,1.1.2-Tetrachloroethane	7.15	ND	ND	ND	ND	0.020	ag.L
1,1,2,2-Tetrachloroethane	ND	טא	ND	ND	שא	0.020	µg L
Tetrachloroethylene	0.135	0.410	0.450	0,759	ND	0.020	րց L
Toluene	ND	ND	ZD	ND	ND	0.020	μg.1.
1,2,3-Trichlorobenzene	ND.	ND	ZD	ND	ND.	0.020	րջ [.
1.3.4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	μg·L
1,1.1-Trichloroethane	ND	ND	ND	ND	ND	0.020	હાઇ દિ
1,1,2-Trichloroethane	ND	ND	ND	ND	ND.	0.020	ag-L
Trichtoroethylene	ND	0.287	0.309	ND	ND	0.020	$\mu_{\mathfrak{U}}$ 1



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

P.O. Box 1996

Tustin, CA 92681-1996

Report date: JEL Ref. No.: 4.28/2010 B-5000

Client Ref. No.: 7115

Attn:

Alejandro Fuan

Date Sampled: 4.28/2010

Project:

Fullerton Universal

Date Analyzed: 4/28/2010

Date Received: 4 28/2010

Project Address:

1551 E. Orangethorpe

Physical State: Soil Gas

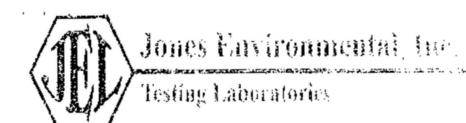
Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID: Analytes:	SV44-15	SV44-25	SV44-25 DUP	SV43-SS DUP	SV27-5	Practical Ouantitation Limits	Units
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	μ <u>ε</u> Γ.
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	μg L.
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	μ <u>ς</u> 1.
1,3.5 Trimethylbeozene	ND	ND	ND	ND	ND	0.020	gg L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	μ <u>ς</u> 1.
Nylenes	ND	ND	ND	ND	ND	0.020	μg L
MTBE	ND	ND	ND	ND	ND	0.020	ng-L
Ethyl-tert-budylether	ND	ND	ND	ND	ND	0.020	tig 1
Di-isopropylether	ND	COA	ND	ND	ND	0.020	$\mu g/L$
tert-amylmethylether	ND	ND	ND	ND.	ND	0.020	րջ [.
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	μg f.
DC:							
n-Propanol	ND	ND	ND	ND	7D	0.020	րց [.
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						QC Limi	ts.
Dibremefluoremethane	109%	89%	92%	10.4%	85%	75 - 125	
Tohiene-d ₅	103%	98%	95%	101%	97%	75 - 125	
4-Bromoflaarobenzene	98%	101%	110%	9.5%	105%	75 - 125	
Dibremefluoremethane Foliume-d ₅	103%	98%	95%	101%	97%	75 - 125 75 - 125	

B2-042810- B1-042810- B1-042810- B2-042810- B1-042810-CHECKS 1 CHECKS 1 CHECKS 1 CHECKS 1 CHECKS 1

ND = Not Detected



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

P.O. Box 1996

Tustin, CA 92681-1996

Report date: JEL Ref. No.: 4.28/2010

Client Ref. No.: 7115

B-5000

Attn:

Alejandro Fuan

Date Sampled: 4/28/2010

Project:

Fullerton Universal

Date Analyzed: 4/28/2010

Date Received: 4:28:2010

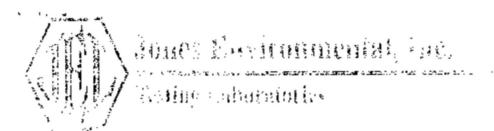
Project Address:

1551 E. Orangethorpe

Physical State: Soil Gas

Fullerton, CA

Sample ID:					Practical	
	VEW3-5	VEW3-15	VEW3-25	VEW7-5	Quantitation	Units
Analytes:					<u>C.irnit</u>	
Benzene	ND	ND	ND	ND	0.020	μgA.
Bromobenzene	ND	ND	ND	ND	0.020	µg/1.
Bromodichloromethane	ND	N'D	ND	ND	0.020	րց։
Bromotorm	ND	ZD	ND	ND	0,020	μg1.
n-Butylbenzene	ND	ND	2.13	N:D	0.020	μg L
sec-Butylbenzene	ND	ND	ND	2.15	0.030	$\mu g.1.$
tert-Butylbenzene	2.0	ND	SID	ND	0.020	µg.1.
Carbon tetrachloride	ND	ND	2/D	ND.	0.020	μg T.
Chlorobenzene	ND	ND	ND	ND.	0.020	µg/L
Claloroethang	SD	ND	ND	ND	0.020	μg L
Chloroform	ND	ND	0.342	ND	0.020	րջ
Chloromethane	ND	ND	מא	ND.	0.020	րգ (.
2-Chlorotoluene	ND	ZD	ND	ND	0.020	pgtz
4-Chlorotoluene	ND	ND	ND	ND	0.020	$\mu g/L$
Dibromochloromethane	ND	ND	ND	ND	0.020	$\mu g T$.
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	0.020	μg:1.
1,2-Dibromoethane (EDB)	ND	ND	ND	ND.	0.020	րջ (.
Dibromomethane	ND	N.D	ND	ND	0.020	μg L
1,2- Dichlorobenzene	מא	ND	ND	ND	0.020	14F 1.
1,3-Dichlorobenzene	ND.	ND	טא	ND	0.020	rg1.
1,4-Dichlorobenzene	ND	ND	ND	ND	0.020	μg-T.
Dichlorodifluoremethane	ND	ND	ND	ND	0.020	րցե
1,1-Dichloroethane	מא	ND	0.596	ZD.	0.020	րջ է
1.2-Dichloroethane	ND.	ND	ND	ND	0.020	µg 1.
1,1-Dichloroethene	ZD.	1.46	22.5*	ND	0.020	μg/L



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

Client Address:

The Reynolds Group

P.O. Box 1996

Tustin, CA 92681-1996

Report date:

4/28/2010

JEL Ref. No.: B-5000

Client Ref. No.: 7115

Attn:

Alejandro Fuan

Date Sampled: 4/28/2010

Project:

Fullerton Universal

Date Analyzed: 4:28/2010

Date Received: 4:28:2010

Project Address:

1551 E. Orangethorpe

Physical State: Soil Gas

Fullerton, CA

Sample ID:					Practical	
	VEW3-5	VEW3-15	VEW3-25	VEW7-5	Quantitation	1 nits
Analytes:					Limit	
cis-1,2-Dichloroothene	ND	0.070	3.78	ND	0.020	$\mu g A$.
trans-1.2-Dichloroethene	ND	ND	ND.	ND	0.020	μջ1 .
1,2-Dichloropropane	213	ND	ND.	7.10	0.020	μg.T.
1,3-Dichloropropane	ND	ND	ND	ND	0.020	gg/L
2,2-Dichloropropane	ND	טא	ND	ND	0.020	µg/L
1.1-Dichloropropene	ND	ND	ND	ND	0.020	μg-L
cis-1,3-Dichloropropene	ND	ND	ND	ND	0.020	$\mu g/L$
trans-1,3-Dichloroprepene	ND	ND	ND	V.D	0.020	ugʻl
Ethylbenzene	7.13	ND	ND	ND	0.020	ր ջ (.
Freon 113	ND	ND	ZD.	ND	0.020	μg/L
Hexachlorobutadiene	ND	7/17	ND	ND	0.020	μg/L
Isopropylbenzene	ND	ND.	ND	ND	0,020	ng/L
4-Isopropyltoluene	ND	ND	ND	ND	0.020	ug L
Methylene chloride	ND	ND	ND	V.D	0.020	μgd .
Naphthalene	ND	ND	ND	ND	0 020	$\mu g/1$.
n-Propylbenzene	ND	ND	ND	ND	0.020	μg-L.
Styrene	ND	ND	ND	ND	0.020	٦٠ وير
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	0.0 %	$\mu g/L$
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	0.020	μg L
Tetrachloroethylene	16.6	92.3*	87.6*	ND	0.020	$\mu g_i I_i$
Toluene	N.D.	ND	ND.	ND	0.020	με-1.
1.2,3-Trichforobenzone	ND	ND	2/D	ZD	0.020	μ g 1.
1.2.4-Trichlorobenzene	ND	ND	ND	ND	0.020	$\mu g/L$
1,1,1-Trichloroethane	ND.	ND	0.306	ND	0.020	ρg L
1,1,2-Trichlorgethane	ND	ND	2.69	ND.	0.020	րց ե
Trichloroethylene	0.699	3.51	11,94	ND	0.020	µg l

Art despity of Calabara (400) 42 (146) 63 (146) 12 (146) 85

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

P.O. Box 1996

Alejandro Fuan

Tustin, CA 92681-1996

JEL Ref. No.: Client Ref. No.: 7115

Report date:

4/28/2010 B-5000

Date Sampled: 4 28/2010

Project:

Attn:

Fullerton Universal

Date Received: 4/28/2010 Date Analyzed: 4/28/2010

Project Address:

1551 E. Orangethorpe

Physical State: Soil Gas

Fullerion, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample ID:					Practical	
	VEW3-5	VEW3-15	VEW3-25	VEW7-5	Quantitation L'nits	
Analytes:					E.imit	
Trichlorofleoromethane	ND	ND	ND	ND	0 020 μg/l.	
1,2,3-Trichloropropane	<i>V</i> .D	Z.D	ND	ND	0.020 μg/L	
1.2.4-Trimethylbenzene	ZD	ND	ND	ND	0.020 pg/L	
1,3,5-Trimethylbenzene	ND	ND	ND	ND	0.020 µg/L	
Vinyl chloride	ND	ND	ND	ND	0.020 μg-L	
Xylenes	ND	ND	ND	Z.D.	0.020 μg/L	
MTBE	ND	ND	ND	ND	0.020 μg/L	
Ethyl-tert-budylethet	ND	ND	N.D	ND	0.020 μg.1.	
Di-isopropylether	ND	ND	ZD	ND	0.020 μg/1.	
tert-amy linethy lether	ND	ND	ND	NID	0.020 µg-1.	
tert-Butylalcohol	ND.	ND	ND	ND	0.100 բջչ է	
TIC:						
n-Propanel	ND	ND	ND	Z.D.	0.020 µg·L	
Dilution Factor	ι	1 / 109	1710%	1		
Surrogate Recoveries:					QC Limits	
Dibromofluoromethene	93%	86%	106%	92%	75 - 125	
Toluenc-d _a	97%	95%	97%	99%	75 - 125	
4-Bromoffuorobenzene	100%	98%	95%	9449	75 - 125	

B1-042810- B1-042810- B2-042810- B1-042810-CHECKS 1 CHECKS 1 CHECKS 1 CHECKS 1

ND : Not Detected

Dilutions for these compound(s); first number of all others



is the factorieries

(10) BA 306年 (2011) (14) (17) (17) Comparison of the Comparison o

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:

The Reynolds Group

Client Address:

P.O. Box 1996

Tustin, CA 92681-1996

Alejandro Fuan

Project:

Attn:

Fullerton Universal Project Address: 1551 E. Orangethorpe

Fullerton, CA

Report date: 4/28/2010

JEL Ref. No.: B-5000

Client Ref. No.: 7115

Date Sampled: 4/28/2010

Date Received: 4/28/2010 Date Analyzed: 4/28/2010

Physical State: Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

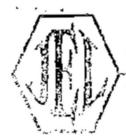
Sample Spiked:	Ambient Air		GC#:	B1-042810-CHE	CKS 1	
Parameter	MS Recovery (%)	MSD Recovery (%)	BliD	Acceptability Range (%)	1.C <u>S</u>	Acceptability Range (%)
1.1-Dichloroethylene Benzene Trichloroethylene Toluene Chlorobenzene	87% 105% 97% 106% 119%	99% 111% 104% 102% 105%	13.0% 5.8% 7.3% 3.6% 13.1%	70-130 70-130 70-130 70-130 70-130	102% 102% 102% 106% 106%	70-130 70-130 70-130 70-130 70-130
Surrogate Recovery: Dibromofleoromethane Tolaene-d8 4-Bromofleorobenzene	95% 97% 105%	96% 96% 107%		60-1-10 60-1-10 60-1-10	100% 98% 90%	60-1-10 60-1-10 60-1-10

Method Blank - Not Detected

MS Matrix Spike

MSD = Matrix Spike Duplicate

RPD Relative Percent Difference



lesting Laboratories

4.0.1 Sec * Lollandor, CA 93835 Commission of the Advanced

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:

The Reynolds Group

Client Address:

P.O. Box 1996

Tustin, CA 92681-1996

Report date:

4/28/2010

JEJ, Ref. No.:

B-5000

Client Ref. No.:

7115

Attn:

Alejandro Fuan

Date Sampled:

1/28/2010 4/28/2010

Project:

Fullerton Universal

Date Received: Date Analyzed;

4/28/2010

Project Address:

1551 E. Orangethorpe

Physical State:

Soil Gas

Fullerton, CA

EPA 8260D-Volatile Organics by GC/MS + Oxygenates

Sample Spiked:	Ambient Air		GC#:	B2-042810-CHEC	KS 1	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	I.C.S	Acceptability Range (%)
1,1-Dichloroethylene Benzene Trichloroethylene Toluene Chlorobenzene	89% 117% 93% 104% 102%	94% 126% 105% 113% 113%	5.5% 7.9% 12.5% 8.2% 10.6%	70-130 70-130 70-130 70-130 70-130	99% 114% 96% 103%	70-130 70-130 70-130 70-130 70-130
Sarrogate Recovery: Dibromofluoromethane Toluene-d8	100% 98% 99%	110% 100°# 98%	8.8%	70-130 60-140 60-140	106% 101%	70-130 60-140 60-140
4-Bromoflaorobenzene	97%	97%		60-1-10	86%	60-140

Method Blank 1 Not Detected

MS Matrix Spike

MSD = Matrix Spike Duplicate RPD Relative Percent Difference JONES
ENVIRONMENTAL
TESTING LABORATORIES

P.O. Box 5387 Fullerton, CA 92838 (714) 449-9937 Fax (714) 449-9685

Project Name Project Address Project Contact	Project Name Project Address Project Contact Sample ID Purge Discussion		Client Project # Turn: Around Requested: Immediate Attention Rush 24-48 hours Rush 72-96 Hours Normal Motale Lab		Tracer:			Analysis (S)			975 PRE:		Sage of Leb Use Cally Sample Condition as Received: Chilled Layes Line Sealed Cityes Line Remarks/Special Instructions
, ,	Purge Volume	Discussion	Date	Time	Laboratory Sample Number	1000	1/3	1	//			/ Amage	
May C	300	Mary Market for a	$\eta_{\Sigma_{ffs}}$		6 Sec. 4.	4.		M					-15 - 11 V V V V V V V
Swarp P	100	90° 11.77%	\	Nº in	Pr Shirt 17	٧.,	X				<u> </u>	ئا	1. 1. 1. 3. 1. 1.
56.73.35	3100	57 W	\	1.4.4.	1. 10 1. 10 1.	ζ(.,	ä	<u> </u>			<u> </u>		Late made to a
Sugar	31.7	10 j	<u> </u>	195	7, 30, 11 (٧.,	X		_	$oxed{}$	_		
5017 B	161	14" (Ü	- !	Is in	Section 1	Ģ.	X	_		_	<u> </u>		
3,5 35 15	1 (BZ	To agree a		·	1	9.,		1,4	\hat{j}	1.	_	<u> </u>	
50.5	341	Yet and to			F. 53	Ç.,		4	- 1	1100	1	-	
<u> </u>	370	7. V	 	P	2 4 20		Ϋ́,	_	- -	\vdash	ļ	-	
<u> </u>	117			1.7. 4	Vs. i · · ·	9.	Ă	-	+	+	\vdash	-	
Relinguishoo by (signature)	1.7		0ate - 3/1 /	2 Received by	(signature)	(¢.	<i>j</i> .		Dane	l. Mr.	<u>.</u>		Tuta! Number of Containers
Company 16		Time :	Company Received by Laboratory (signature)				T me			The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set			
Сотрату			Tme	Cumpany					7mr@			forth	on the back nereot.

JONES ENVIRONMENTAL TESTING LABORATORIES

P.O. Box 5367 Fullerton, CA 92838 (714) 449-9937 Fax (714) 449-9685

Project Address Project Contact	Project Address Project Contact Sample ID Purge Volume Discussion			SOIL GAS Purge Visi: 11 P 2 3P 17P Tracer: 1			Ar Ar	otysis Ro		Page Cab Use Only Sample Concilion as Received: Chilled Clyes I no Sealed Clyes I no	
Sample ID Purgo Volum	e Discussion	Date	Time	Laboratory Sample Number	100	1/			1	Remarks/Special instructions	
St. 96 1 1/1/2 190		Will Inc	Colin	Se 800 1	1. X						
10/13/15 () 12 19 19 19 19 19 19 19 19 19 19 19 19 19			6.54	St. St. Co.	36. 7					, ,	
3635 - 5	8 Ayl 9 11			B 01. 13	56.	4+	· 1/7 ·				
N 42 6	Υ ₂ . 48 ²⁷ 1		,	Qu. 55 117	Ş., -	4	-74				
C	Mr. Color		***	0 sem no	(% X						
Differ A control	70 . 60			V5 5/411 (x	5,	70	+ .	, -	{		
		i	(55)	W. SW 1 / 1	Si. 7		1		:		
particular years	34 15-		13, 14	B. Mr. 18	9. X			Ì	-		
9.00		İ	1070	1000 1	Si., X				,		
Values 3%	0.00	<u> </u>	15.0 ×	4: Salano	, .						
Relinguished by (signature)		Date - 5	@ Accevedby (i j : : :			Date S//2	:1:		Total Number of Containers	
Corruporty T		Time	Company Received by I	<i>""</i>	No.			<u> </u>	The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set.		
Company		Time	Company				Tirnu		forth on the back hereof.		

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

Report date: JEL Ref. No.:

8/2/2011 B-5193

Client Ref. No.: 7115

Aten:

Al Fuan

Date Sampled: 8/2/2011 Date Received: 8/2/201;

Project:

Universal Fullecton

1551 E. Orangethorpe Ave.

Date Analyzed: 8/2/2011

Project Address:

Physical State: Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/ Total Petroleum Hydrocarbons

Sample 1D:	VEW3-15°	VEW3-15° 3P	VEW-15' 7P	VEW3-51	VEW3-25'	Practical Quantitation	<u>Units</u>		
Analytes:	11	31	7			Limit			
Benzene	ND	ND	ND.	ND	ND	0.020	$\mu g/L$		
Bromobenzene	ND	ND	ND	ND	ND	0.020	րք Ղ.		
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	μ <u>e</u> L		
Bromoform	ND	ND	N:D	ND	ND	0.020	$\mu g/L$		
n-Butylbenzene	ND	ND	ND	ND	, ND	0.020	μ <u>છ</u> 1∟		
sec-Butylbenzene	N.D	ND	ND	ND	ND	0.020	μg/l.		
ion-Burylbenzene	ND	ND	ND	ND	ND	0.020	$\mu g/L$		
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	μ g/L		
Chlorobenzene	ND	ND	ND	ND	ND	0.020	µ ളி.		
Chloroethane	ND	ND	ND	ND	ND	0.020	யூரி.		
Chloroform	ND	ND	ND	ND	ND	0.020	µத∕'L		
Chloromethane	ND.	ND	ND	ND	סא	0.020	μg/l.		
2-Chlorotoluene	ND	ND	ND	ND.	ND	0.920	μg/1.		
4-Chlorosoluene	ND	ND	ND	ND	, ND	0.020	µg/L		
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	$\mu g/L$		
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	μg/1.		
1.2-Dibromoethane (EDB)	ND	ND	ND.	ND	ND	0.020	μg/L		
Dibromomethane	ND	ND	ND	ND	ND	0.020	μ <u>α</u> /1.		
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	ng/L		
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	$\mu g/1$.		
1,4-Dichiorobenzene	ND	ND	ND	ND	ND	0.020	μg/L		
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	μg/L		
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	$\mu g 1$.		
1,2-Dichloroethane	ND.	ND	ND	ND	ND.	0.020	$\mu g/L$		
1,1-Dichloroethene	0.444	0.302	0.294	ND	12.8	0.020	μ ο Ι.		

ND = Not Detected

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

Report date: JEL Ref. No.: 8/2/2011

Client Ref. No.: 7115

B-5193

Al Fuan

Date Sampled: 8/2/2011

Project:

Artn:

Universal Fullerton

1551 E. Orangethorpe Avc.

Date Analyzed: 8/2/2011

Date Received: 8/2/2011

Project Address:

Physical State: Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/ Total Petroleum Hydrocarbons

Sample ID:	Versus 181	VEW3-151	£			Practical	
	VEW3-15'	3b AF-M2-12.	VEW-15' 7P	VEW3-5'	VEW3-25	Quantitation	Units
Analytes:	OF.	34	ar .			Limit	
cis-1,2-Dichloroethene	ND	ND	ND	ND	0.484	0.020	μg/L
trans-1,2-Dichloroethene	ND	ND.	ND	ND	ND	0.020	μgL
1.2-Dichloropropane	ND	ND	ND	ND	, ND	0.020	μ g/L
1,3-Dichloropropane	ND	N.D	ND	ND	ND	0.020	μg1.
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	μg/L
1,1-Dichloropropene	ND	ND.	ND	ND	ND	0.020	$\mu g/l$.
cis-1,3-Dichloropropene	ND	ND.	ND	ND	ND	0.020	$\mu g/L$
trans-1,3-Dichloropropene	ND	ND	ND.	ND	ND	0.020	$\mu g/L$
Ethylbenzene	ND	ND	ND	ND	ND	0.020	μg/L.
Freon 113	ND	ND	ND	ND	ND	0.020	μg.T.
Hexachlorobutadiene	ND	ND	ND	ND.	ND	0.020	µg. L
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	μ <u>α</u> /Έ
4-isopropyltoluene	ND	ND	ND	ND	· ND	0.020	$\mu g/L$
Methylene chloride	ND	ND	ND	ND	ND	0.020	mg/L
Naphthalene	ND	ND	ND	ND	ND	0.020	μg/Ł
n-Propytbenzene	ND	ND	ND	ND	ND	0.020	μg/L
Styrene	ND	ND	ND	ND	ND	0.020	$\mu \mathbf{g}/L$
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
1.1,2.2-Tetrachloroethane	ND	ND	ND	ND,	ND	0.020	$\mu g/L$
Tetrachloroethylene	31.3	27.0	25.Ī	9.17	. 296*	0.020	μg/ 1 .
Toluche	ND	ND	ND	ND	ND	0.020	ug/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	ug/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	μgL
1.1.1-Trichloroethane	0.035	0.02	0.023	0.299	KD	0.020	yg.L
1,1.2-Trichloroethane	ND	ND	ND	ND	ND	0.020	րջ 1.
Trichloroethylene	1.85	1.60	1.51	0.515	14.6	0.020	μę. L



Jones Environmental, Inc.

Testing Laboratories

P.O. Box 5387 • Fullerton, CA 92838 (714) 449-9937 • FAX (714) 4499685

JONES ENVIRONMENTAL . LABORATORY RESULTS

Client: Client Address: The Reynolds Group

520 West 1st Street

Tustin, CA 92780

Report date:

8/2/2011

JEL Ref. No.:

B-5193

Client Ref. No.: 7115

Arto:

Al Fuan

Date Sampled: 8/2/2011

Project;

Universal Fullerton

Date Analyzed: 8/2/2011

Date Received: 8/2/2011

Project Address:

1551 E. Orangethorpe Ave.

Physical State: Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/ Total Petroleum Hydrocarbons

Sample ID:	VEW3-15'	VEW3-15'	VEW-15			Practical			
	1P	3P	7P	VEW3-5*	VEW3-25'	Ouantitation	Units		
Analytes:	16	31	"			Limit			
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	μ g T_{ν}		
1,2,3-Trichloropropanc	ND	ND	ND	ND.	ND	0.020	μg/L		
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	$\mu g/L$		
1,3,5-Trimethylbenzene	KD	ND	ND	ND	ND	0.020	μ g/L		
Vinyl chloride	ND	ND	ND	ND	ND	0.020	$\mu g/L$		
Xylenes	ND	ND	ND	ND	ND	0.020	μg/L		
WLBE	ND	ND	ND	ND	ND	0.020	μ g /L		
Ethyl-tert-butylether	ND	ND	ND	ND	ND.	0.020	μg/L.		
Di-isopropylether	ND	ND.	ND	ND	ND	0.020	µg/L		
tert-amylmethylether	ND	ND	ND	ND	, ND	0.020	μg/l.		
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	μg/l.		
TIC:									
n-propanol	ND	ND	ND	ND	ND	0.020	μg/L		
Dilution Factor	1	T	1	i	1/20*				
Surrogate Recoveries:						OC Limi	its.		
Dibromofluoromethane	99%	101%	100%	95%	100%	75 - 12:			
Toluene-da	101%	94%	95%	100%	98%	75 - 12:	5		
4-Bromofluorobenzeno	94%	95%	94%	97%	97%	75 - 123	5		

B2-080211- B2-080211- B2-080211- B1-080211- B2-080211-CHECKS_1 CHECKS_1 CHECKS_1 CHECKS_1

ND= Not Detected

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address: 520 West 1st Street

Tustin, CA 92780

Report date: JEL Ref. No.: 8/2/2011

B-5193

Client Ref. No.: 7115

Attn:

Al Fuan

Date Sampled: 8:2/2011

Date Received: 8/2/2011

Project:

Universal Fullerton

Project Address: 1551 E. Orangethorpe Ave. Date Analyzed: 8/2/2011 Physical State: Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/ Total Petroleum Hydrocarbons

Sample ID:						Practical	
	VEW4-5	VEW4-15"	VEW4-25'	VEW5-5'	VEW6-5'	Quantitation	Units
Analytes:						<u>Limit</u>	
Benzene	ND	ND.	ND.	ND	ND.	0.020	ug/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	ug/L
Bromodichloromethane	NU	ND	ND	ND	- ND	0.020	ug/L
Bromoform	ND	ND	ND	ND	ND	0.020	μg/l.
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	ND	ND.	ND	0.020	μg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	μ <u>ε</u> Ղ
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	μg/L
Chlorobenzene	ND.	ND	ND	ND	ND	0.020	μg/1.
Chloro cthane	ND.	ND	ND	ND	ND	0.020	$\mu g/L$
Chloroform	ND.	ND	ND	ND	ND.	0.020	$\mu \mathbf{g}/l$
Chloromethane	ND	ND	ND	ND	ND	0.020	րջ/Լ
2-Chlorosoluene	ND	ND	ND.	ND	ND	0,020	μ g/l.
4-Chlorotoluene	ND	ND	ND.	ND	ND	0.020	μg·L
Dibromochloromethane	ND	ND	ND	ND	ND.	0.020	$\mu g/L$
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND.	0.020	$\mu g/L$
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	$\mu g L$
Dibromomethane	ND	ND	ND	ND	ND	0.020	pg/L
1,2- Dichlorobenzene	ND	ND	ND.	ND	ND	0.020	μg/l.
1,3-Dichlorobenzene	ND	ND	ND	ND.	ND	0.020	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND.	ND	0.020	$\mu g/I_{\star}$
Dichlorodifluoromethane	ND	ND	/.D	ND	. ND	0.020	μ <u>w</u> /L
1,1-Dichloroethane	ND	ND	ND	0.402	ND	0.020	սջ Լ
1,2-Dichtoroethane	ND	ND	ND	ND	N.D	0,320	$\mu g/L$
1,1-Dichloroethene	ND	ND	ND	0.326	ND	0.020	μg/t.

ND = Not Detected

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

Attn:

Al Fuan

Project:

Universal Fullerton

Project Address:

1551 E. Orangethorpe Ave.

Fullerton, CA

Report date: 8/2/2011 JEL Ref. No.:

B-5193 Client Ref. No.: 7115

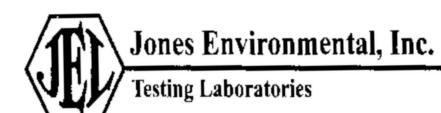
Date Sampled: 8/2/2011

Date Received: 8/2/2011

Date Analyzed: 8/2/2011 Physical State: Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/ Total Petroleum Hydrocarbons

Sample 1D:						Practical	
	VEW4-5'	VEW4-15"	VEW4-25"	VEW5-5'	VEW6-51	Quantitation	(!nits
Analytes:						<u>Limit</u>	
cis-1.2-Dichloroethene	ND	ND.	ND	ND	ND	0.020	$\mu g/L$
trans-1,2-Dichlornethene	ND	ND	ND	ND	ND	0.020	ug/L
1,2-Dichloropropane	ND	ND	ND	ND	NU	0.020	μg/l.
1,3-Dichloropropanc	N.D	ND	ND	ND	ND	0.020	gg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	μg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.020	με⁄1.
cis-1,3-Dichloropropenc	ND	ND	ND	ND	KD	0.020	$\mu \mathbf{g}/\mathbf{l}$
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Ethylbenzene	ND	ND	ND	SD	ND	0.020	μ g/L
Fream 113	ND	ND	KD	ND	ND	0.020	μ g·L
Hexachlorobutediene	ND	ND	ND	ND	. ND	0.020	μ g/1.
Isopropylbenzene	ND	NO	ND	ND	ND	0.020	μ g /L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	μ g /L
Methylene chloride	ND	ND	ND	ND	ND	0.020	μg/L
Naphthalenc	ND	ND	ND	ND	ND	0.020	$\mu g/L$
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Styrenc	ND	ND	ND	ND	ND	0.020	μg/L
1,1,2-Tetrachioroethane	ND	ND	ND	ND	ND	0.020	μ g /L
1,1,2,2-Tetrachlomethane	ND	ND	ND	ND	ND	0.020	աց.Ղ.
Tetrachloroethylene	0.492	0_394	ND	0.320	0.432	0.020	ւջՂ
Toluene	ND	ND	ND	ND	` ND	0.020	μg/L
1,2,3-Trichlorobenzene	ND	ND.	ND	ND	ND	0.020	μ ք∕1.
1.2.4-Trichlorobenzene	ND	ND	ND	ND	ND	0.020	աք/1.
1.1,1-Trickloroethane	ND	ND.	ND	3.60	ND	0.020	ug'L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	μg/L
Trichloroethylene	ND	ND.	ND	0.442	0.154	0.020	μe^{ij} .



JONES ENVIRONMENTAL . LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

Report date: JEL Ref. No.:

8/2/2011 B-5193

Client Ref. No.: 7115

Attn:

Al Fuan

Date Sampled: 8/2/2011

Project:

Universal Fullerton

Date Analyzed: 8/2/2011

Date Received: 8/2/2011

Project Address:

1551 E. Orangethorpe Ave.

Physical State: Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/ Total Petroleum Hydrocarbons

		104111	Oremin trian	OCA, OOUA			
Sample 1D:						Practical.	
	VEW4-5"	VEW4-15'	VEW4-25'	VEW5-5"	VEW6-5	<u>Quantitation</u>	Unite
Applyles:					le)	Limit	
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	μցՎ
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.020	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
1,3.5-Trimethylbenzene	ND.	ND	ND	ND.	ND	0.020	μ <u>e</u> /L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	μg/L
Xylenes	תא	ND	ND	ND	ND	0.020	րջ (
MTRE	ND	ND	ND	ND	ND	0.020	μg/1.
Ethyl-tert-buzylether	ND	ND	ND	ND	ND	0.020	μ g/L
Di-isopropylether	ND	ND	ND	ND	ND	0.020	$\mu_{\rm E}/L$
tert-amylmethylether	ND	ND	ND	ND	, NO	0.020	ոն,Ր
tert-Butylalcohol	ND	ND	ND	ND	ND.	0.100	μg/L
TIC:							
п-ргорало{	ND	ND	ND	ND	ND	0.020	μ <u>e</u> /L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						QC Lim	
Dibromofluoromethane	98%	94%	71%	73%	97%	75 - 12:	
Toluenc-de	98%	92%	98%	98%	90%	75 - 12:	
4-Bromofluorobenzene	103%	94%	103%	104%	101%	75 - 12	5

B1-080211- B2-080211- B1-080211- B1-080211- B2-080211-CHECKS_1 CHECKS_1 CHECKS_1 CHECKS_1 CHECKS_1

ND Not Detected

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

Report date: JEL Ref. No.: 8/2/2011

B-5193

Client Ref. No.: 7115

Attn:

Al Fuan

Date Sampled: 8/2/2011

Project:

Universal Fullerton

Date Analyzed: 8/2/2011

Date Received: 8/2/2011

Project Address:

1551 E. Orangethorpe Ave.

Physical State: Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/ Total Petroleum Hydrocarbons

Sample ID:						Practical	
	VEW6-15	VEW6-25'	VEW17-51	VEW18-5'	SV36-SS	Quantitation	Units
Analytes:						Limit	_
Benzene	ND	ND	ND	ND	ND	0.020	μ g L
Bromobenzene	ND	ND	ND	ND	ND	0.020	$\mu g / L$
Bromodichloromethane	ND	ND	ND	ND	ND	0.020	μ g /L
Bromoform	ND	ND	ND	ND	ND	0.020	$\mu g/L$
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.020	րջ/Ն
tert-Butylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	μg/T.
Chlorobenzene	ND	ND	ND	ND	ND	0.020	μ <u>ε</u> /L
Chloroethane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Chloroform	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Chloromethane	ND	ND	ND	ND	ND	0.020	μg/l.
2-Chlorotoluene	ND	ND	ND	ND	ND	0.020	μ g/L
4-Chiorotoluene	ND	ND	ND	ND	ND	0.020	μ <u>ε</u> /[_
Dibromochloromethane	ND	ND	ND	ND	. ND	0.020	μg/ī.
1,2-Dieromo-3-chloropropane	ND	ND	ND	ND	ND	0.020	pg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Dibromomethane	ND	ND	ND	ND	ND	0.020	$\mu g/U$
1.2- Dichlorobenzene	ND	ND	ND	ND	ND	0.020	$\mu \mathbf{g}/L$
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	ր ք/L
1, ← Dichlorobenzene	ND	ND	ND	ND	ND	0.020	μ <u>α</u> /1.
Dichlorodifluoromethane	ND	ND	N.D	ND	ND	0.020	μg/ 1 .
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.020	μg/L.
1,2-Dichloroethane	ND	ND	ND	NĎ	ND	0.020	$\mu g/L$
1,1-Dichtorgethene	ND	1.48	0_302	ND	· ND	0.020	$\mu g/L$

ND = Not Detected

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

Project Address:

520 West 1st Street

Tustin, CA 92780

Report date: JEL Ref. No.: 8/2/2011

B-5193

Client Ref. No.: 7115

Attn:

A) Fuan

Date Sampled: 8/2/2011

Date Received: 8/2/2011

Project:

Universal Fullerton

Fullerton, CA

1551 F., Orangethorpe Ave.

Physical State: Soil Gas

Date Analyzed: 8/2/2011

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/ Total Petroleum Hydrocarbons

Samuela SD.							
Sample 1D:						Practical	
	VF.W6-15"	VEW6-25'	VEW17-5'	VEW18-5	SV36-SS	Quantitation	Units
Analytes:						<u>Limit</u>	
cis-1.2-Dichloroethene	NU	ND	ND	ND	ND	0.020	$\mu \mathbf{g}/\mathbf{L}$
trans-1.2-Dichloroether.e	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	μg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	μ <u>ε</u> /L
2,2-Dichloropropane	ND.	ND	ND	ND	ND	0.020	$\mu g/L$
1.1-Dichloropropene	ND	ND	ND	ND	ND	0.020	µg/L
cis-1.3-Dichtoropropene	ND	ND	ND	ND	ND.	0.020	µջ/Ն
trans-1,3-Dichloropropenc	ND	ND	ND	ND	ND	0.020	دا/يهم
Ethylbenzene	ND	ND	ND.	ND	ND	0.020	$\mu g/L$
Freor: 113	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Hexachtorobutadiene	ND	ND	ND	ND	N.D	0.020	$\mu y/L$
Isopropylbenzene	ND	ND	ND	ND	ND	0.020	μ <u>α</u> /1.
4-IsopropyItoluene	ND	ND	ND	ND.	ND	0.020	$\mu g/L$
Methylene chloride	ND	ND	ND	ND	· ND	0.020	μg/L
Naphthalene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	µg/L
Styrene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
1,1.1,2-Tetrachlorocthane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
t,t,2.2-Tetrachloroethane	ND	ND	ND	ND	ND.	0.020	$\mu g/L$
Tetrachloroethylene	0.313	2.18	2.22	0.402	3.04	0.020	$\mu \mathbf{g}/L$
Toluene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
1.2,3-Trichlorobenzenc	ND	ND	ND	ND	ND	0.020	µg,Ղ
1.2,4-Trichlorobenzene	ND.	ND	ND	ND	ND	0.020	μg/L
1,1,1-Trichloroethane	0.286	3.46	0.636	ND	0.378	0.020	$\mu g/L$
1.1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Trichloroethylene	ND	2,79	1.20	₹1.046	1.84	0.020	µg/L



Jones Environmental, Inc.

Testing Laboratories

P.O. Box 5387 • Fullerton, CA 92838 (714) 449-9937 • FAX (714) 4499685

JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Client Address: The Reynolds Group

520 West 1st Street

Tustin, CA 92780

Report date:

8/2/2011

JEL Ref. No.: Client Ref. No.: 7115

H-5193

Alto:

Al Fuan

Date Sampled: 8/2/2011 Date Received: 8/2/2011

Project:

Universal Fullerton

Project Address: 1551 E. Orangethorpe Ave. Date Analyzed: 8/2/2011 Physical State: Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS - Oxygenates/ Total Petroleum Hydrocarbons

Sample ID:						Practical	
	VEW6-15'	VEW6-25'	VEW17-51	VEW18-5	SV36-SS	Quantitation	Units.
Analytes:						Limit	
Trichlorofluoromethane	מא	ND	ND	ND	ND	0.020	$\mu g A$.
1,2,3 Trichloropropane	ND	ND	ND	טא	ND	0.020	$\mu g/L$
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	$\mu \mathbf{g}/\mathbf{L}$
1,3,5-Trimethylocnzene	מא	ND	ND	ND	ND	0.020	μ g/L
Vinyl chloride	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Xylenes	ND	NO	ND	ND.	ND	0.020	$\mu g/l$.
MTBE	ND	ND	N.D	ND	ND	0.020	$\mu g/L$
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	$\mu \mathbf{g}/\mathbf{L}$
Di-isopropylether	ND	ND	ND	ND	ND	0.020	μ <u>e</u> /L
tert-amylmethylether	ND	ND	ND	ND	ND	0.020	$\mu g/L$
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	μ g /I.
TIC:							
n-propanol	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Dilution Factor	1	1	ι	1	1		
Surrogate Recoveries:						OC Limi	its
Dibromofluoromethane	87%	99%	85%	103%	92%	75 - 12:	5
Tolucne-da	99%	100%	100%	102%	102%	75 - 125	5
4-Bromofluorobenzene	104%	101%	104%	102%	105%	75 - 12:	5

B1-08021[- B2-08021]- B1-08021[- B2-08021]- B1-08021]-CHECKS I CHECKS I CHECKS I CHECKS I

ND - Not Detected

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

Report date:

8/2/2011

JEL Ref. No.:

B-5193

Client Ref. No.: 7115

Atta:

Al Fuan

Date Sampled: 8/2/2011 Date Received: 8/2/2011

Project:

Universal Fullerton

Date Analyzed: 8/2/2011

Project Address:

1551 E. Orangethorpe Ave.

Physical State: Soil Gas

Fullerton, CA

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/ Total Petroleum Hydrocarbons

Sample ID:						Practical	
	SV37-88	SV42-SS	SV43-SS	SV43-5"	SV43-15'	Quantifation	Units
Analytes:						Limit	
Benzene	ND	ND	ND	ND	ND.	0.020	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.020	μց/Ն
Bromodichloromethane	ND	ND	NO	ND	ND	0.020	$ m \mu g/L$
Bromoform	ND	ND	ND	ND	ND	0.020	μ g/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.020	μ g /l.
sce-Butylbenzene	N.D	ND	ND	ND	ND	0.020	μ g /Ղ
tert-Burylbenzene	ND	ND	ND.	ND	ND	0.020	μ g /L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.020	րեչլ.
Chlorobenzene	ND	ND	ND	ND	ND	0.020	μg/L
Chloroethane	ND	NO	ND	ND	ND	0.020	μg/L.
Chloroform	ND	ND	ND	ND	ND.	0.020	μg/l.
Chloromethane	ND	ND	ND	ND	ND	0,020	$\mu \mathbf{g}/\mathbf{L}$
2-Chlorotoluenc	ND	ND	ND	ND	ND	0.020	μg/L
4-Chlorotoluene	ND	ND	ND	NO	ND	0.020	ր ց ⁄1.
Dibromochloromethane	ND	ND	ND	ND	ND	0.020	µg/1.
1.2-Dibromo-3-chloropropane	ND	ND.	ND	ND	. ND	0.020	µg/L
1.2-Dibromocthane (EDB)	ND	ND	ND	ND	ND	0.020	ug/L
Dibromomethane	ND.	ND	ND.	ND	ND.	0.020	րջ'L
1,2- Dichlorobenzene	ND	ND	ND.	ND	ND	0.020	μg:L
1,3-Dichlorobenzene	ND	ND	ND	GK	ND	0.020	$\mu g/L$
1.4-Dichlorobenzene	ND	ND	ND	ND	ND	0.020	μ <u>ę</u> 1.
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.020	μg T.
1,1 Dichloroethane	ND	ND	ND	ND	ND	0.020	pg/L
1.2-Dichloroethane	ND	ND.	ND	ND	ND	0.020	μg/L
1,1-Dichloroethene	0.050	ND.	ND	ND	ND	0.020	$\mu g/l_c$

ND = Not Detected

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

Attn:

Al Fuan

Project:

Universal Fullerton

Project Address:

1551 E. Orangethorpe Ave.

Fullerton, CA

Report date:

8/2/2011

JFL Ref. No.:

B-5193 Client Ref. No.: 7115

Date Sampled: 8/2/2011

Date Received: 8/2/2011

Date Analyzed: 8/2/2011 Physical State: Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/ Total Petroleum Hydrocarbons

Sample ID:			-			Practical	
	SV37-SS	SV42-SS	SV43-SS	SV43-51	SV43-15*	Quantitation	Units
Analytes:						<u>imit</u>	
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	$\mu g/l$.
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.020	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.020	$\mu g/L$
2,2-Dichloropropane	ND	ND	ND	ND	· ND	0.020	μg/L
1,1-Dichloropropene	ND	ND	ND.	ND	ND	0.020	μ g/ L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.020	μg/L
Ethylbenzene	ND	ND.	ND	ND	ND	0.020	µg/L
Freon 113	ND	ND	ND	ND	ND	0.020	$\mu \mathbf{g}/\mathbf{L}$
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.020	µg/L
Isopropyibenzene	ND	ND	ND	ND	ND	0.020	μ g .Ղ.
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.020	μg/1.
Methylene chloride	ND	ND.	ND.	ND	ND.	0.020	μg/1.
Naphthalene	ND	ND	ND.	ND	ND	0.020	μg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.020	μ g/L
Styrene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
1.1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.020	µg/L
1, 1, 2, 2-Tetrachioroethane	ND	ND	ND	ND	ND	0.020	μg/L
Tetrachloroethylene	0.070	0.361	0.744	0.346	0.102	0.020	μg/L
Toluene	ND	ND	ND	ND	ND	0.020	$\mu \mathbf{g}/\mathbf{I}$.
1.2,3-Trichlorobenzene	ND	ND	ND	ND	ND.	0.020	$\mu g/L$
1,2,4-Trichlorobenzenc	ND	ND	ND	ND	ND	0.020	μg/t.
1,1,1-Trichloroethane	0.020	ND	ND	ND	ND	0.020	μg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.020	µg/L
Trichforoethylene	0.549	ND	0.042	0.066	ND	0.020	μg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:

The Reynolds Group

Client Address:

520 West 1st Street

Tustin, CA 92780

Report date: JEL Ref. No.:

8/2/2011

B-5193

Client Ref. No.: 7i15

Attn:

Al Fuan

Project: Project Address: Universal Fullerton 1551 E. Orangethorpe Ave.

Fullerton, CA

Date Sampled: 8/2/2011

Date Received: 8/2/2011 Date Analyzed: 8/2/2011

Physical State: Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates/ Total Petroleum Hydrocarbons

				OCBI DOMS			
Sample 1D:						Practical	
	SV37-SS	SV42-SS	SV4J-SS	SV43-5'	SV43-15'	Quantitation	<u>Units</u>
Analytes:						<u>Limit</u>	
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.020	با/ <u>و</u> ر
1.2,3-Trichloropropene	ND	ND	ND	ND	ND	0.020	μg/L
1,2,4-Trimethylbenzene	NU	ND	ND	ND	. ND	0.020	μg.I.
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.020	$\mu g/L$
Vinyl chloride	ND	ND	ND	ND	ND	0.020	$\mu \mathbf{g}' \mathbf{L}$
Xylenes	ND	ND	ND	ND	ND	0.020	μ g/L
MTBE	ND	ND	ND	ND	ND	0.020	μ g/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.020	μg/l.
Di-isopropylether	ND	ND	ND	ND.	ND	0.020	μg/l,
tert-amylmethylether	ND	ND	ND	ND.	ND	0.020	$\mu g/l$.
tert-Butylalcohol	ND	ND	ND	ND	ND	0.100	μg/t.
TIC:					,		
n-propanol	ND	ND	ND.	ND	N.D	0.020	$\mu g/L$
Dilution Factor	1	t	1	1	1		
Surrogate Recoveries:						QC Lim	
Dibromofluoramethane	99%	92%	100%	101%	96%	75 - 12	
Toluene-da	101%	100%	93%	93%	102%	75 - 12	_
4-Bromofluorobenzene	99%	103%	98%	103%	103%	75 - 12	5
	82-080211-	B1-080211-	B2-08021[-	B2-080211-	B1-080211-		

CHECKS_1 CHECKS_1 CHECKS_1 CHECKS_1 CHECKS_1

ND" Not Detected

JONES ENVIRONMENTAL TESTENC LABORATORIES

P.O. Box 5387 Futlerion, CA 92838 (714) 449-9937 Fax (714) 449-9685 (servironmentalis) com

Ciferal Project Name	. (m.	e tri		Date ,		SOIL G. Purge Number: CP-1P S		ምር ነ	IDP	2	Analys	sis R e qu	ested	JEL Project #
Project Name Project Address				Client Project		Purge Rate:/c	c/inin		1] /	//	/	/ / /	1,8,95
Project Address	. 111			Turn Around		Short in Test : Y y W			13		//	/ /		Page - of
Project Address	w. K.	SPATE	i ba	_ □ Immed	diale Attention				8	₹/ /	/ /	/2	Ž//	Lati Use Only
Project Contact				Section 2 According to the	24-48 Hours 2-96 Hours			1		//	/	Number Pressure (Pass	/ # /	Sample Condition as Received: Chilled Luyes Jiio
,	PARA			Ø Mobile			/	3		//	//		<i>§</i>	Sealed Ling
Sample (D	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Semon	9	1		A Separate S	No. of the last of	Remarks/Spi	ecial Instructions
1.14 / 15 mil	}	()-	N.,	H.i.		Buch	14.	×	\Box				SUMMY CALL	S 10 130
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					L.,									
												-		
Rokoquished by (signature)	_···		Deffe	1/2/4	2 Rocewood by (s	eignstare)				Date	h .		Tetal Numb	er of Containers
Europiny — — — — — — — — — — — — — — — — — — —			Yime	11:55	Company	1				Тіте	15		he delivery of samples a nls Chain of Custody for	
Relinquished by (signature)	.,		Date		B Received by L	aboratory (signature)				Date		a a	uthorization to perform t bove under the Terms as	he analyses specified
Company		_	Time	,	Company					Time	-	— fc	orth on the back hereof.	

JONES ENVIRONMENTAL TESTING LABORATORIES

P.O. 80x 5387 Fullerton, CA 92838 (714) 449-9937 Fax (714) 449-9685 coesenvironmentallab.com

Client The 120-rands	Ga.	. ,		8/2	lu.	SOIL OF Purge Number: ET 1P C		7P LI	IQP ·		Analy	sis Requ	Delzau	JEL Project #
Project Name				Client Projec		Tracer Purge Rate: ?	ermin		/3	1 /	/	/	///	Pege
Project Address			1	Turn Around	Requested:	→ Shut In Test · YJ / N			18		/ /	/ /		or
Project Contact			14.0	☐ flush:	diate Affendion 24-48 Hours 72-96 Hours eil			1 0		//	1	Months Presson of Iron		Lab Use Only Sample Condition as Received: Challed Lilyes & fin
14 Fu	M.			- 33 Mob#			_/		+/	/ /	1.		3/	Sealed Lives Lino
Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Samo	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1/	\perp	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Womb.	Hemarins/Sp	secial instructions
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J 43-45 78	~;	65 67	<u>~</u> i/.	C. P. C.		15 10/10	×	λ		\perp		1		
ya or S	1	30.2	2.46	. 17.2	_	150%	11.	\	\perp			1		
W Color	١,	15		1, ,,		1275	1/4	\						
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VE.14 25	1	1505	ئ ئان	2011		DOMESTIC ST	1	Ŋ.)		
Virus S	ì	. ; , L	-1 ji	1.3		1,51134	1/2	Α			<u> </u>	1		
VALUE I	1	1.15	2170	1.44%	<u> </u>	Symmetry.	16	\		\perp	<u> </u>	,		
Relinguished by (signature)			Date	2)11	2 Hecelved by (Signature)				Date	i		Total Hura	her of Containers
Company TRG			T₁me	11:25	Company	.1:				Fime	44		The delivery of samples this Chain of Gustody for	
Helinquished by (signature)			Cate		Received by L	aboratory (signature)	_			Dale			authorization to perform above under the Terms a	the analyses specified and Conditions set
Company			Time		Company					Tima		Γ'	forth on the back hereof.	

JONES ENVIRONMENTAL TESTING LABORATORIES

P.O. Box 5387 Futlerton, CA 92838 (714) 449-9937 Fax (714) 449-988

Client	6			Date (SOIL GA Purge Number: GIÍP U		70 7	+AP			sis Requ		JEL Project #
Project Name		:r		CRent Proje	ct#	Tracer:			~/	9	/ /	/	/ / /	17.416
Project Address	: [и-			71	() Appusated:	- Shutin Test Y / N			18	//		//	/ / /	Page
1831 p - 6	2 No 16 1	13:31 -	1.	☐ Imms	diate Attention			/	3		/ /	/.	ĝ/ /	Lab Usa Only
I show t	34. 6	4		L Rush	24-48 Hours 72-96 Hours]				Semple Condition as Received:
Project Contact	المدم			□ Norm	·		4			//	/ /	4	S. C. Sulling	Chilled Lilyes Elino Sealed Lilyes Cino
Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	100		//	//	1	None Pressure line	Remarks/Sp	Acial Instructions
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February 4, 2009

Luis Lodrigueza
ORANGE COUNTY HEALTH CARE AGENCY
Environmental Health Division
1241 East Dyer Road, Suite 120
Santa Ana, CA 92705-5611

REYNOLDS GROUP

a California corporation

TO PICARH

SITE:

FULLERTON BUSINESS PARK NORTH

(FORMER OCHCA #94IC29)

1551 EAST ORANGETHORPE AVENUE

FULLERTON, CALIFORNIA

SUBJECT:

REVISED VERIFICATION SAMPLING WORKPLAN

Dear Mr. Lodrigueza,

Thank you for your prompt response! As directed in your January 27, 2009, e-mail (see Attachment A), The Reynolds Group (TRG) is revising our original "Verification Sampling Workplan", dated January 15, 2009, by modifying the soil vapor sampling scope of work at the subject Site to your liking (see Figure 1 - Site Location Map).

SCOPE OF WORK

TRG proposes to sample soil vapors in the shallow soils at the Site to verify cleanup of the shallow subsurface soils (see Figure 2. Revised Site Plot Plan with Proposed Verification Sampling Locations). The soil vapor verification sampling will follow the February 7, 2005, updated DTSC "Interim Final.—Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air" (the "DTSC Guidance").

Specifically, the Scope of Work will include the following:

- Follow the Health and Safety Plan that is attached to this workplan.
- Install and collect soil vapor samples from eight sub-slab soil vapor probes SV36 through SV43 to 1 foot below grade (ft bgs).
- Sample from existing soil vapor probes SV25, SV27, and SV30 through SV35 at 5 and 15 ft bgs, and from existing passive wells PW1 and PW4 at 5, 15, and 25 ft bgs. At locations where sampling is no longer possible, TRG will install new replacement probes.
- 4. Sample from all existing extraction wells screened at 25 ft bgs, and from extraction wells at 15 ft bgs where no nearby soil vapor probes are available for sampling.
- All soil vapor samples will be collected in syringes or clean summa canisters from each vapor extraction well and probe location.

Lois Lodrigueza, OCHCA
Revised Verification Sampling Workplan
FULLERTON BUSINESS PARK NORTH
1551 East Orangethorpe Road
Fullerton, California
February 4, 2009
Page 2 of 6

- 6. Immediately following sample collection, analyze vapor samples by a state-certified mobile laboratory by EPA Method 8260 full scan for VOCs. Ten percent (10%) of the soil vapor samples will also be analyzed by EPA Method TO-15 to screen for other potential chemicals of concern, such as vinyl chloride, naphthalene and benzene.
- Prepare a report signed by a California Registered Civil Engineer detailing field activities and results for OCHCA to perform an indoor human health risk analysis and evaluate the Site for closure.

Sub-Slab and Replacement Soil Vapor Probes

Prior to performing fieldwork, TRG will contact underground service alert and consult with the Site owner to identify any underground conduits or hazards. TRG will also obtain all any necessary permits to complete the work.

TRG will advance eight temporary sub-slab soil vapor probes (SV36 through SV43) to one ft bgs beneath the building concrete slab in order to adequately assess soil vapor conditions at the Site, while minimizing above grade ambient air influences.

In addition, TRG will install replacement soil vapor probes for locations where sampling is no longer possible at SV25, SV27, and SV30 through SV35 a, and PW1 and PW4.

All soil vapor probes will be advanced to the respective depths using a hand-held hammer drill or a direct push rig with a disposable drive tip. Once the temporary vapor probes reach the appropriate depth, a Nylaflow sample tube will be advanced inside the drive rod to one ft bgs. The end of the Nylaflow tubing has a 1.5 inch long air stone filter which allows soil vapor to enter the tubing while limiting the possibility of water or soil intrusion. The top of the Nylaflow tube has a plastic valve to prevent ambient air intrusion. The Nylaflow tubing and valves will be sealed at the surface with hydrated bentonite.

After temporary vapor probe placement, a period of at least 20 minutes will be allowed to pass before sample collection. This equilibration time will allow subsurface conditions to equilibrate prior to purge volume testing, leak testing, and soil vapor sampling.

Sample Collection

TRG will collect soil vapor samples from the eight sub-slab soil vapor probes (SV36 through SV43) at one ft bgs. In addition, TRG will collect vapor samples from existing and replacement soil vapor

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FULLERTON BUSINESS PARK NORTH
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probes SV25, SV27, and SV30 through SV35 at 5 and 15 ft bgs, and from existing passive wells PW1 and PW4 at 5, 15, and 25 ft bgs.

TRG will also collect vapor samples from existing vapor extraction wells where no nearby soil vapor probes are available for sampling at 15 ft bgs (VEW5, VEW6, VEW8, VEW9, VEW12, VEW13, and VEW16), and from all existing extraction wells that are screened at 25 ft bgs (VEW3 through VEW6, VEW9, VEW11 through VEW13, and VEW16).

Based on previous fieldwork at the Site, seven purge volumes produced the highest vapor sample concentrations and, thus, this purge volume will be applied to the verification sampling event. All soil vapors from the aforementioned soil vapor probes to be sampled will be collected at a 100 to 200 milliliters per minute (ml/min) extraction rate, while the vapors from the soil extraction wells will be collected at an extraction rate of 5 l/min.

A vacuum reading will be recorded on field data sheets for each sample. Soil vapor samples will be collected in clean syringes or summa canisters. Once collected, the soil vapor samples will be immediately analyzed at a fixed or mobile laboratory. One method blank will be collected for this soil vapor survey and one duplicate sample will be collected immediately after the original sample from the sample location with the highest anticipated PCE concentrations.

Leak Testing

Leak testing will be conducted at every soil vapor probe location. A tracer compound such as 1,1-difluoroethane will be released at the ambient ground surface and analyzed for in the soil vapor sample. A detection of the tracer compound in the subsurface soil vapor sample will indicate that ambient air intrusion occurred.

A vacuum reading will be recorded on field data sheets for each sample. Soil vapor samples will be collected in clean summa canisters. Once collected, the soil vapor samples will be immediately analyzed at a fixed or mobile laboratory.

Disposable Equipment and Decontamination Procedures

Non-reusable nylon sample tubing will be discarded between sample locations. After each use, drive rods and other re-usable components will be properly decontaminated by a 3-stage wash and rinse process including a non-phosphate detergent such as Liquinox and a final distilled water rinse. Clean, dry tubing will be used for sampling at all times.

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Laboratory Analyses.

Chain-of custody procedures will be followed in transporting samples to the onsite and offsite state-certified laboratory.

Soil vapor samples will be analyzed by EPA Method 8260B full scan for VOCs, since these are the historical compounds of concern. A detection limit of "0.1 ug/L" as vapor for carcinogenic compounds (PCE & TCE) and "1.0 ug/L" as vapor for non-carcinogenic compounds will be requested as specified in the DTSC Guidance. Ten percent (10%) of the soil vapor samples will be additionally analyzed by EPA Method TO-15 to screen the samples for other chemical of potential concern, such as vinyl chloride, naphthalene and benzene.

Waste Disposal

Any field generated wastes will be properly disposed in accordance with federal, state and local requirements. TRG, however, does not anticipate any wastes to be generated from this work.

Report on the Work

The results of the verification sampling fieldwork and analytical results will be put into a report signed by a California Registered Civil Engineer that incorporates all of the requirements of your agency. TRG requests that OCHCA evaluate the results for indoor human health risk analysis and closure consideration.

Health and Safety Plan

All staff and third parties who will be near or around the project will be required to sign the health and safety plan that has been prepared and is attached in Appendix B.

REGISTERED PROFESSIONAL STATEMENT

All work on this project is being performed under the responsible charge of a California Registered Civil Engineer. The licensed professional whose wet ink signature and seal appears at the end of this report will supervise all work associated with the project.

Luis Lodrigueza, OCHCA
Revised Verification Sampling Workplan
FULLERTON BUSINESS PARK NORTH
1551 East Orangethorpe Road
Fullerton, California
February 4, 2009
Page 5 of 6

CORRESPONDENCES CONCERNING THIS PROJECT:

Please be sure that your mailing list includes The Reynolds Group and:

Dominique Baione UNIVERSAL MOLDING EXTRUSION COMPANY

9151 East Imperial Highway Downey, CA 90242

and

James R. McFadden
GRUBB & ELLIS
500 North State College Suite 100
Orange, CA 92868

and

John C. Glaser
GLASER, TONSICH & ASSOCIATES, LLC
765 West 9th Street

San Pedro, CA 90731

Should you have any questions regarding this report, please do not hesitate to contact our Project Manager for this Site, Alejandro Fuan, at (714) 920-9312 (cell) or via e-mail to fuan@reynolds-group.com. Thank you for your oversight of this work.

Sincerely,

THE REYNOLDS GROUP

a California corporation by:

Edward Reynolds, Jr.

California Registered Civil Engine

Alejandro Fuan

Project Manager

Luis Lodrigueza, OCHCA
Revised Verification Sampling Workplan
FULLERTON BUSINESS PARK NORTH
1551 East Orangethorpe Road
Fullerton, California
February 4, 2009
Page 6 of 6

Attachments:

Figure 1 – Site Location Map

Figure 2 - Revised Site Plot Plan with Proposed Verification Sampling Locations

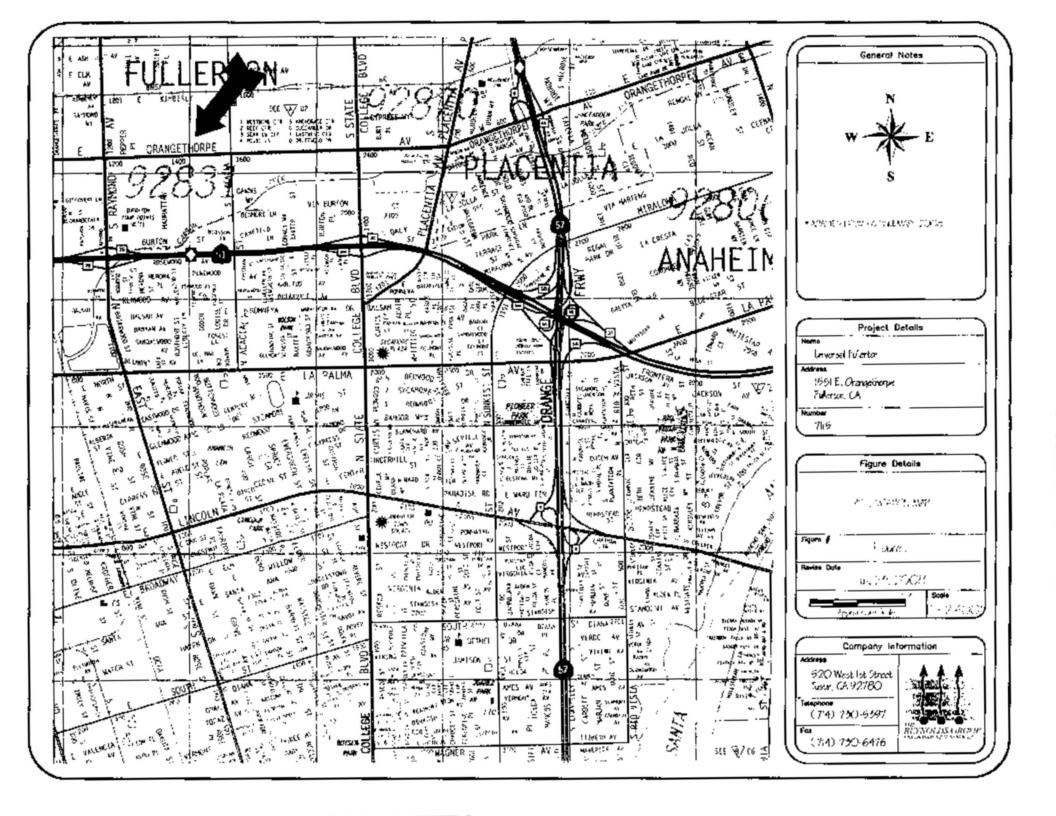
Attachment A OCHCA Response Letter dated January 27, 2009

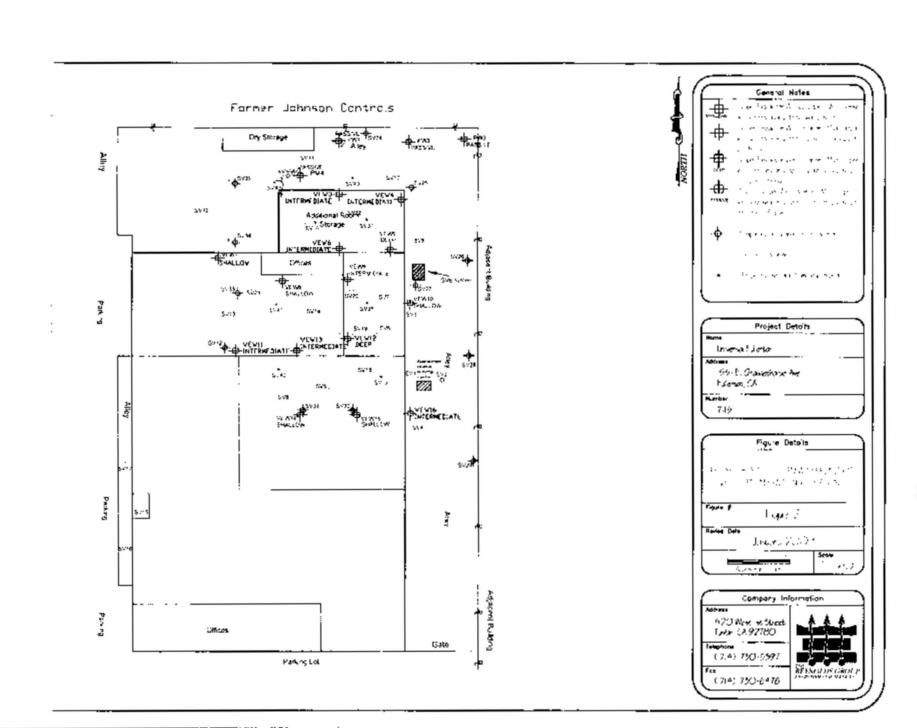
Attachment B Health and Safety Plan

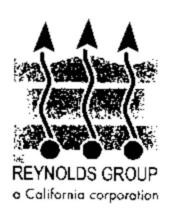
cc: Dominick Baione, UNIVERSAL MOLDING EXTRUSION COMPANY

James McFadden, GRUBB & ELLIS

John C. Glaser, GLASER, TONSICH & ASSOCIATES, LLC







SITE SPECIFIC HEALTH & SAFETY PLAN

Soil Vapor Probe Installation and Verification Vapor Sampling

at

Fullerton Business Park 1551 Orangethorpe Avenue Fullerton, California

INTRODUCTION

The Reynolds Group (TRG) was engaged to install soil vapor probes and perform vapor verification sampling at 1551 Orangethorpe Avenue in Fulletton, California (the Site).

KEY PERSONNEL AND RESPONSIBILITIES

Following are key assignments for this project:

ASSIGNMENT RESPONSIBLE PARTY

Project Manager:
Project Site Safety Officer:
Office Health and Safety Manager:
Alejandro Fuan
Ed Reynolds

The Project Manager (PM) has overall responsibility for field development and implementation of this Health and Safety Plan (HASP). The PM assigns health and safety related duties and responsibilities only to qualified individuals. Before anyone enters the work area, they must meet the requirements of 29 CFR 110.120 for medical examination and health and safety training.

The Project Site Safety Officer (PSSO), who must be on-site during all work activities, will be responsible for on-site health and safety activities. The PSSO has stop-work authorization that he will exercise when he perceives an imminent safety hazard, an emergency situation, or any other potentially dangerous situations, such as extreme weather conditions. If the PSSO stops work for a safety-related issue, work cannot begin again until approved by the OHSM. In an emergency, the PSSO will arrange for emergency support services when needed.

GENERAL SAFETY REQUIREMENTS

Continuous air monitoring for worker safety and regulatory compliance will be conducted using a photoionization detector (PID) or flame-ionization detector (FID) a minimum of every 15 minutes during the entire operation, unless directed otherwise by the appropriate regulatory agency officer(s) present on site.

Monitoring equipment, including PID/FID and CG/O2 meter, will be calibrated daily and calibration logs will be maintained on-site and made available upon request.

All on-site personnel operating within the work zone will show proof of current 40-hour hazardous waste operations training upon request.

Cellular telephones/radios will be available on-site at all times during work for communication in the event of an emergency.

HAZARD EVALUATION

The following is an evaluation of the hazards which might be associated with this project and the countermeasures which should be taken to remediate these hazards:

Exposure

POTENTIAL CHEMICALS:

The most likely chemical compounds to be encountered during this survey are petroleum fuel hydrocarbons, found typically in oil field operations.

ASSOCIATED HAZARD:

PCE / TCE:

Enters your body when you breathe its vapors or through the skin it can affect the central nervous system, harm the eyes, nose, throat, lungs, heart, liver, kidneys, and immune system and has been shown to cause cancer.

EXPOSURE PROBABILITY AND LIKELY CONSEQUENCE:

A low hazard level exists where there is no contact with the chemicals, when low concentrations are encountered, or when proper protection is worn.

COUNTERMEASURES:

- When OVM reading is less than 50 ppm above background level wear Level D protection;
- When OVM reading is above 100 ppm for greater that 15 minutes wear Level C protection;
- When OVM reading is above 1000 ppm cease work operations until level decreases.

Fire and Explosion

POTENTIAL FOR FIRE OR EXPLOSION:

Workers may encounter fire or explosion hazards on this project. Fire or explosion could occur by rupturing an underground gas line or if digging through soil that contains high concentrations of fuel hydrocarbons.

EXPOSURE PROBABILITY AND LIKELY CONSEQUENCE:

Low probability with moderate consequence.

COUNTERMEASURES:

Seek information about possible underground obstructions from knowledgeable individuals before excavating. Note if Dig Alert has marked the site for underground lines (see Section 3.11).

Oxygen Deficiency

On-site workers are not likely to encounter an oxygen deficiency. Workers will not enter confined spaces on this project.

lonizing Radiation

On-site workers are not likely to encounter radioisotopes or other hazardous ionizing radiation on this site.

Biologic Hazards

On-site workers are not likely to encounter biologic hazards on this site.

Safety Hazards

On-site workers may encounter physical safety hazards on this site. Work operations include:

- working near moving, powered machinery;
- slips, strains, trips, and falls;
- moving and lifting of heavy objects;
- use of hand tools, and
- use of motor vehicles.

COUNTERMEASURES:

Use experienced on-site persons. Wear hard-toed shoes and approved hard hats. Heighten worker awareness with a tailgate safety session for all on-site workers at the start of work each day. Maintain all equipment (including safety devices) in proper operation condition. Never leave an open excavation unattended.

Electrical

On-site workers could encounter electrical hazards on this site if the front loader contacts overhead power lines, if subsurface work encounters buried live electrical lines, if poor weather conditions exist, or equipment is not properly grounded.

COUNTERMEASURE:

Be sure not to raise the front loader in proximity to overhead power lines. Work shall cease if bad weather conditions exist. Equipment shall be grounded. Seek information about possible underground lines from knowledgeable individuals before excavating. Note if Dig Alert has marked the site for underground lines (see Section 3.11).

Heat Stress

There will be a low likelihood that on-site workers may encounter heat stress on this project. Workers will be wearing Tyvek suits and ambient temperature will likely be in the low-to mideighties.

COUNTERMEASURES:

Heighten worker awareness about heat stress at daily tailgate safety session. Monitor heart rate at break time. If heart rate exceeds 110 beats per minute, cut work period by one-third. Provide and encourage drinking of water and juices at the job site.

Cold Exposure

On-site workers are not likely to encounter cold exposure on this project.

<u>Noise</u>

On-site workers will likely encounter excessive noise levels from operation of the heavy equipment.

COUNTERMEASURE:

Workers will wear hearing protection around the backhoe and whenever they have trouble conversing in normal tones at a distance of about five feet.

Underground Lines

Every effort will be made to determine if underground lines exist beneath the site. Dig Alert will be contacted at least two working days prior to the commencement of work. Dig Alert #A-900145

SITE CONTROL

For control purposes, the work area consists of a 160-foot area around the backhoe. It is open and workers will enter and leave the site with care. <u>Smoking, eating, and drinking are prohibited in the immediate work area</u>. The PSSO will exclude casual observers from the work area and will be onsite during work operations.

EMERGENCY RESPONSE PLAN

Following are emergency names, phone numbers, and contacts:

Police	911
Fire Department	911
Ambulance	911

Emergency Hospital (714) 744-1450

1111 West La Palma Ave. Anaheim, CA 92801

The Reynolds Group (714) 730-5397

520 West First Street Tustin, CA 92780

Closest Phone for Emergencies: Cellular Phones

Project Manager (24 Hours): Alejandro Fuan (714)920-9312

Medical Emergencies:

For emergencies requiring ambulance service, call 91! for transportation of injured to hospital. Life-flight is available and can be obtained when calling 911.

Nearest Hospital:

See Attached Map

Emergency Decontamination:

In a medical emergency, personnel decontamination is of lesser importance than medical attention. Alen paramedics or emergency room attendants about the potential for contamination.

The undersigned have read and will comply with the Health and Safety Plan for the Universal Fullerton Property soil vapor probes and vapor sampling.

REPRESENTING	NAME	SIGNATURE	DATE
			
		_	
_			

THE REYNOLDS GROUP

F/Edward Reynolds, Jr., P.E.

Directions to Anaheim, CA 92801-2804, United States



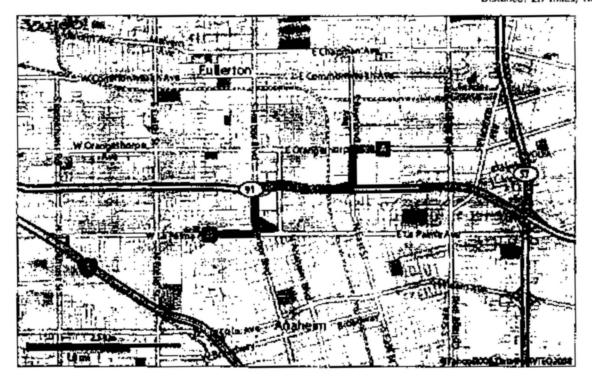
Summary and Notes

START A 1551 E Orangethorpe Ave, Fullerton, CA 92831-5229, United States FINISH 🔟 1111 W La Palma Ave, Anaheim, CA 92801-2804, United States Total Distance: 2.7 miles, Total Time: 7 mins (approx.)



Distance
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go 0.3 mi
go 0.4 mi
go 0.5 mi
ga 0.5 mi
ga 0.5 mi
go 0.5 mi

Distance: 2.7 miles, Time: 7 mms



APPENDIX A

HAZWOPPER TRAINING CERTIFICATES FOR PM AND PSSO



CERTIFICATE OF COMPLETION

8-HOUR SUPERVISORS' HEALTH & SAFETY TRAINING

F. Edward Reynolds Jr.

has successfully completed the 8-Hour Supervisors' Health and Safety Training Course, satisfying the OSHA Hazardous Waste Operators and Emergency Response Standard [29 CFR 1910.120 (e) and 8 CCR 5192 (e)].

Class date: March 14, 2008

Certificate # 27875-1

Joseph T. Thompson, MP11

Association of Bay Area Governments



ABAG Training Center www.hazmatschool.com

CERTIFICATE OF COMPLETION

Alejandro Fuan

has successfully completed the course titled

OSHA 8-hr Annual HAZWOPER Refresher

Satisfies 29 CFR 1910.120(e)(3)

Δħ

January 14, 2008

and has earned

IACET authorized 0.8 CEUs (Continuing Education Units) from the program

Certificate No 62894 (verify at www.hazmetschool.com)

Brian Kirking, Training Director
Sharon McCreadle, Training Coordinator

www.abag.ca.gov; (510) 464-7964

Paul W. Gantt, REA

Safety Compliance Management, Inc.

APPENDIX B CALIBRATION TECHNIQUES

1227 7.2	Erf	Number
	Page 1 CF 1	Revision 3-19-96
SUBJECT: CALIBRATION PROCEDURE	MINIRAE	

 Follow steps 1 through 4 of the standard operation procedure titled "Normal Operations".

ET LATER STREET

- Depress the (MENU) key repeatedly until (CO x.x) is displayed. This is the zero calibration menu. You will attach the organic vapor zeroing kit to the intake of the sample probe and let it flow for 30 seconds. After 30 seconds you will depress the (ENTER) key to set the zero value. You should now have (CO 0.0) on the display.
- Depress the (MENU) key 1 time to go to the calibration menu. Your display should now have (Ciu xxx x) where xxx x is the value of the calibration gas you are using.
- 4. The first digit is flashing and if you need to change this value, just use the up or down arrow key to increment or decrement the value. Once the correct value is entered for the first digit, you will depress the (ENTER) key to move to the second digit.
- 5. Repeat step 5 unit all digits match the value of your calibration gas.
- 6. When you depress (ENTER) for the last digit, it takes you to the "GAS ON" screen.

 You will now attach a Tedlar sample bag filled with the Isobutylene calibration gas and depress the (ENTER) key.
- 7. The display will now show "Cal..." Wait until the display shows "Cl xxx.x" where xxx.x is equal to the calibration gas that is attached to the inlet.
- 8. Depress the (MENU) key until you get back to the instantaneous ppm display. The readings should be very close to that of the calibration gas you have just calibrated to.
- 9. Remove the bag of Isobutylene calibration gas from the sample inlet probe. The readings should fall back towards zero. It is no unusual to get some background readings on the display at this time.
- Follow the standard operation procedure titled "Quality Control Procedure" to ensure the unit passes the Q.C. check and is ready for rental.

APPENDIX C MATERIAL SAFETY DATA SHEETS (MSDS)



Material Safety Data Sheet

[Home] [Manufacturer] [Part Number] [NSN] [Help]

SECTION I - Material Identity

Tiem Name VOLATILES COALIBRATION CHECK COMPOUNDS MIXTURE CLP-110
Part Number/Trade Name
National Stock Number 6810PCLP120V
CAGE Code
Part Number Indicator A
MSOS Number

HAZ Code..... B

SECTION II - Manufacturer's Information

Manufacturer NameULTRA SCIENTIFIC
Street 250 SEITH STREET
City NORHT KINGSTOWN
StateRI
Country
Zip Code02852
Information Phone

MSDS Preparer's Information

Date MSDS	Prepared/Revised	 20NCV96
Active Inc	dicator	 N

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Appearance/Odor
Boiling Point147F
Vapor Pressure
Vapor Density1.1
Specific Gravity
Solubility in Water SOLUBLE
Container Pressure Code 4
Temperature Code B
Product State Code

SECTION IV - Fire and Explosion Hazard Data

MSDS Information Page 2 of 4

SECTION V - Reactivity Data

SECTION VI - Health Hazard Data

SECTION VII - Precautions for Safe Handling and Use

SECTION VIII - Control Measures

MSDS Information Page 3 of 4

SECTION IX - Label Data

SECTION X - Transportation Data

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)..... 6.6005 Volatile Organic Compounds (G/L)..... 791

SECTION XII - Ingredients/Identity Information

Proprietary..... NO

 Percent
 98.4829

 OSHA PEL
 200FPM

 ACGIR TLV
 200FPM

Ingredient Name..... BENZENE, CHLORO-

Proprietary...... NO

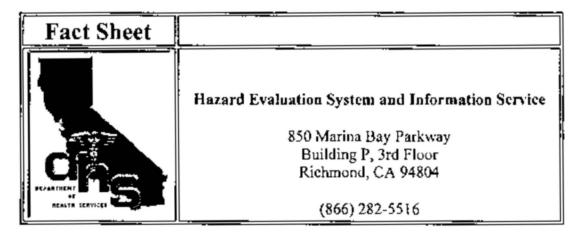
Percent
OSHA PEL5FPM
ACG1E TLV5PPM
Ingredient # 05
Ingredient Name
CAS Number74573
ProprietaryNO
Percent
OSHA PEL1GOPPM
ACGIH TLV 50PPM
Ingredient #
Ingredient Name
CAS Number
Proprietary,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Percent2528
OSHA PEL 5PPM
ACGIH TLV1PPM

NOTICE: For additional information, contact BIOENVIRONMENTAL

HMMS Intranet - 30 Jan 2006 16:50 - web_msds.display - Visit the Official HMMS Website at www.hmms.com

1CE

Revised December 1997



Trichloroethylene (TCE)

HEALTH HAZARD SUMMARY
HOW TO KNOW IF YOU ARE WORKING WITH TRICHLOROFTHYLENE
YOUR RIGHT TO KNOW
HOW TRICHLOROETHYLENE ENTERS AND AFFECTS YOUR BODY
TESTS FOR EXPOSURE AND MEDICAL EFFECTS
LEGAL EXPOSURE LIMITS
REDUCING YOUR EXPOSURE

Health Hazard Summary: Trichloroethylene mainly affects the central nervous system (the brain), causing headache, nausea, dizziness, clumsiness, drowsiness, and other effects like those of being drunk. TCE can also damage the facial nerves, and it can cause skin rash. Heavy exposure can damage the liver and kidneys. TCE causes cancer in animals and may cause cancer in humans.

HOW TO KNOW IF YOU ARE WORKING WITH TRICHLOROETHYLENE

TCE is sometimes called by other names, such as trichloroethene, ethylene trichloride, or ethinyl trichloride. It is sold under many different brand names, such as Tri-Clene, Trielene, Trilene, Trichloran, Trichloren, Algylen, Trimar, Triline, Tri, Trethylene, Westrosol, Chlorylen, Gemalgene, and Germalgene.

TCE looks like water and has a sweet odor like chloroform. It is mainly used in metal degreasing. It is also used as a raw material to make other chemicals, as a cleaner in electronics manufacturing, and for all sorts of general solvent purposes such as in paints, paint strippers, and adhesives. It has also been used as a low-temperature refrigerant and as a grain fumigant, and is still sometimes used in dry cleaning. It is no longer commonly used as a medical anesthetic gas.

Your Right To Know: Under California's Hazard Communication Standard (Cal/OSHA regulation GISO 5194), your employer must tell you if you are working with any hazardous substances, including TCE, and must train you to use them safely.

If you think you may be exposed to hazardous chemicals at work, ask to see the Material Safety Data Sheets (MSDSs) for the products in your work area. MSDSs can be very hard to read, and sometimes they are out of date or inaccurate or they leave out important information, but the MSDS should at least tell you what's in the product. An MSDS lists the hazardous chemicals in a product, describes its health and safety hazards, and gives methods for its safe use, storage, and disposal. An MSDS should also include information on fire and explosion hazards, chemical reactivity, first aid, and methods for handling leaks and spills. Your employer must have an MSDS for any workplace product that contains a hazardous substance, and must make the MSDS available to employees on request. The MSDS for a product that contains TCE should identify it in Section 2 by the CAS number 79-01-6.

HOW TRICHLOROETHYLENE ENTERS AND AFFECTS YOUR BODY

TCE enters your body when you breathe its vapors in the air. TCE can also be absorbed through your skin, especially with lengthy skin contact or if your skin is cut or cracked.

Overexposure to TCE mainly affects the central nervous system (the brain). Other symptoms can also occur, as described below.

TCE belongs to a large class of chemicals called organic solvents. Alcohols, acetone, methyl ethyl ketone, trichloroethane, methylene chloride, benzene, toluene, and xylene are just a few other examples of organic solvents. Most organic solvents share the same basic set of health effects, although some solvents also cause specific effects of their own.

Nervous System: Like most organic solvents, TCE can affect your brain the same way drinking alcohol does, causing headache, nausea, dizziness, clumsiness, drowsiness, and other effects like those of being drunk. This can increase your chances of having accidents. The effects of short-term overexposure usually clear up within a few hours after you stop being exposed. As your exposure level increases or you are exposed for a longer time, the effects get stronger, occur more quickly, and last longer. Drinking alcohol within a few hours of exposure will increase these effects and make them last longer. Very high exposures to TCE can cause a person to pass out, stop breathing, and die.

Most experts believe that repeated, frequent overexposure to organic solvents in general, over months or years, can have long-lasting and possibly permanent effects on the nervous system. The symptoms include fatigue, sleeplessness, poor coordination, difficulty in thinking, loss of short-term memory, and personality changes such as depression, anxiety, and irritability. We don't know how much exposure it takes to cause these effects, and these effects have not been studied in workers exposed only to TCE.

Unlike most other solvents, TCE can damage the nerves of the face. Vision, smell, taste, and sometimes control of the muscles of the face and mouth can be impaired. There is some evidence that hearing might also be affected. The most obvious cases result from short-term high exposure, although effects may not appear until hours or even as much as two days after the exposure. Long-term lower-level exposure may also cause less obvious damage. TCE can also damage the nerves of the arms and legs, causing tingling, loss of feeling, weakness, and paralysis. The effects are probably caused by contaminants, rather than by TCE itself, but those contaminants are usually present.

Skin: TCE, like other organic solvents, can dissolve your skin's natural protective oils. Frequent or prolonged skin contact can cause irritation and dermatitis (skin rash), with dryness, redness, flaking, and cracking of the skin. TCE can be absorbed into the body slowly through healthy skin, or rapidly through damaged skin. TCE quickly penetrates most ordinary clothing (see <u>Personal Protective Equipment</u>) and can get trapped in gloves and boots; such exposure can cause burns and blistering.

Eyes, Nose, and Throat: TCE vapor in the air can irritate your eyes, nose, and throat. Liquid TCE splashed in the eye can sting, but any damage to the eye usually heals within a few days.

Lungs: Exposure to TCE at high levels can irritate the lungs, causing chest pain and shortness of breath. Extreme overexposure (for example, inside an enclosed or confined space such as a degreasing tank) can cause pulmonary edema, a potentially life-threatening condition in which the lungs fill with fluid. However, there is no evidence that repeated, low-level exposure has any long-term effects on the lung.

Heart: Extremely high concentrations of TCE or other chlorinated solvents can cause heart fibrillation (irregular heartbeats) that can cause sudden death.

Liver and Kidneys: At very high levels of exposure such as might occur in an enclosed space or during a spill TCE can injure the liver and kidneys. Liver or kidney damage is rare; it's not at all likely to happen without substantial effects on the nervous system first, and it's not likely to happen if exposures are kept within the legal workplace limits. Generally, such liver or kidney damage is not permanent. However, long-term exposure can contribute to liver damage from drinking alcohol.

Immune System: There have been reports of certain rare immune diseases such as systemic sclerosis (scleroderma) and lupus erythematosus among people exposed to TCE, but there has been no good study to show whether TCE is actually related to any immune system disorder.

Cancer: TCE causes cancer in mice, and there is some evidence that it may also be a weak carcinogen in rats. Humans exposed to TCE have not been studied well enough to give much information, but the human studies also suggest that TCE may cause cancer. You should treat TCE as a likely cause of human cancer.

Genetic Changes: There are many ways to test whether a chemical causes genetic mutations. In most tests, TCE causes little or no mutation.

Reproductive System: Several animal studies and at least one human study have suggested that TCE might cause birth defects, loss of the fetus, or impaired growth and performance of the offspring. However, there has been very little consistency among the tests; each experimenter has tended to get results very different from those of other experimenters, and most tests find little or no effect on pregnancy. You should treat TCE as a possible hazard to pregnancy.

Other: People who drink alcohol and breathe TCE vapors at nearly the same time can develop degreaser's flush, a reddeing of the face, shoulders, and back that usually goes away within an hour or so after exposure stops.

TESTS FOR EXPOSURE AND MEDICAL EFFECTS

There are ways to measure the amount of TCE in your body. Unlike many other organic solvents, TCE's breakdown products remain in the body for up to three weeks, so testing does not necessarily have to be done right after exposure. Biological Exposure Indexes have been developed to help interpret the various types of test results. However, because people vary greatly, these tests are mainly useful for evaluating groups of exposed workers, not individual workers. There are also other tests to look for certain unusual specific health effects. A health care provider can select specific tests on a case-by-case basis to evaluate chemical exposure and its effects. HESIS physicians can provide advice for such medical evaluations. However, routine testing is not recommended or required.

If symptoms such as memory loss, confusion, and mood changes occur, neuropsychological testing may be useful.

It is generally recommended that workers who are regularly exposed to hazardous substances get a complete physical examination, including an occupational and medical history, at the beginning of their employment. They should also have periodic follow-up examinations.

LEGAL EXPOSURE LIMITS

California's Division of Occupational Safety and Health (Cal/OSHA) sets and enforces standards for workplace chemical exposure. Cal/OSHA sets Permissible Exposure Limits (PELs) for the amounts of certain chemicals in workplace air. The PELs are intended to protect the health of a person who is exposed every day over a working lifetime.

Cal/OSHA's PEL for TCE is 25 parts of TCE per million parts of air (25 parts per million, or 25 ppm). This is equal to about 135 milligrams of TCE per cubic meter of air (135 mg/m3). Legally, your exposure may be above 25 ppm at times, but only if it is below the PEL at other times, so that your average exposure for any 8-hour workshift is no more than 25 ppm.

There is also a Short Term Exposure Limit (STEL) of 200 ppm (1075 mg/m3), which must not be exceeded during any 15-minute averaging period, and a Ceiling Limit of 300 ppm (1612 mg/m3) that must never be exceeded for any period of time.

The American Conference of Governmental Industrial Hygienists has recommended a Short-Term Exposure Limit of 100 ppm. Cal/OSHA will probably adopt this more protective recommendation as a legal STEL in about 1998.

You should not rely on your sense of smell to warn you that you are being overexposed to TCE. TCE has fairly good warning properties; on average, people begin to smell TCE just about when the concentration in the air reaches the PEL (at about 28 ppm, on average). However, many people can smell TCE at lower levels, when they are not being overexposed; and many people cannot smell it even at much higher levels. Also, your sense of smell becomes dulled after being around TCE for a short time. Measuring the amount of a substance in the air is the only reliable way to determine the exposure level.

When two or more chemicals have similar health effects (such as TCE and other organic solvents that affect your central nervous system or irritate your eyes, nose, and throat), there are special rules (GISO 5155(c)(1)(B)) that set lower limits on your combined exposure.

If you work with TCE and think you may be over-exposed, talk to your supervisor or your union. If any worker might be exposed to a substance at more than the legal limit, the employer must measure the amount of the substance in the air in the work area (GISO 5155 (e)). You have the legal right to see the results of such monitoring relevant to your work (GISO 3204).

You also have the right to see and copy your own medical records, and records of your exposure to toxic substances. These records are important in determining whether your health has been affected by your work. Employers who have such records must keep them and make them available to you for at least 30 years after the end of your employment.

REDUCING YOUR EXPOSURE

Your employer is required to protect you from being exposed to chemicals at levels above the PELs. Cal/OSHA and Cal/OSHA Consultation Service can help you and your employer see Resources.

Substitution: The most effective way to prevent over-exposures is to use a safer chemical, if one is available. However, the health and safety hazards of substitutes must also be carefully considered, to make sure that they are actually safer. One advantage of TCE is that it does not burn or explode. One disadvantage is that TCE vapors are much heavier than air, so they can settle into pockets and depressions (such as an open degreasing tank) and reach very dangerous concentrations. TCE evaporates very quickly; in a closed container, it can build up to levels three hundred times as high as the Ceiling Limit that must never be exceeded.

Engineering Controls: When possible, employers must use engineering control methods rather than personal protective equipment to prevent overexposure. Engineering control methods include installing ventilation, changing the work process, and changing work practices. Containers, vats, and tanks should be tightly covered to prevent evaporation. Certain work processes can be isolated, enclosed, or automated to reduce exposures.

Local exhaust ventilation systems (hoods) are the most effective type of ventilation control. These systems capture contaminated air at its source before it spreads into the air in your breathing zone. The local exhaust intake should pull dirty air away from you and not towards you.

Personal Protective Equipment: When engineering controls cannot reduce exposures enough, a respirator must be worn and a respiratory protection program must be developed, as described in detail in Cal/OSHA regulations (GISO 5144). An industrial hygienist or other trained person should be consulted to ensure that the equipment is appropriate and is used correctly. An organic vapor filter cartridge can effectively filter out TCE. However, many people cannot smell TCE even when they are exposed at levels above the PEL, so they cannot tell when the cartridge has worn out. Therefore, filter respirators are not approved; a supplied-air respirator must be provided.

If frequent or prolonged skin contact with TCE cannot be avoided, or if splashing may occur, other protective equipment such as gloves, goggles, or faceshields should be worn. TCE quickly penetrates the material of most types of protective gloves and aprons; materials that may be a little more resistant include Teflon, Silvershield, chlorobutyl rubber, and possibly SBR/neoprene rubber. Even the most resistant materials can be penetrated very quickly, so protective clothing should be replaced often. If TCE penetrates gloves, it may be worse than working bare-handed, because the gloves keep the TCE from evaporating off of your skin.

TCE usually contains trace amounts of stabilizers (much less than 1% by weight) to keep it from decomposing into toxic and corrosive acidic by-products. The stabilizers usually don't change the toxicity of the product much, although certain ones may be a bit more carcinogenic than TCE itself.